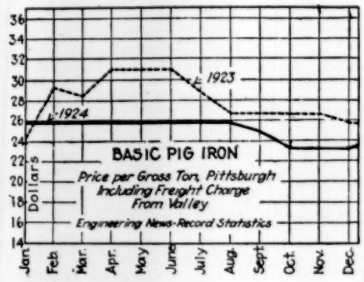
CONSTRUCTION NEWS

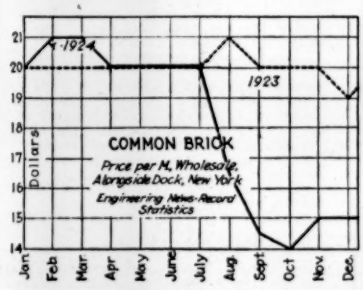
Engineering News-Record, January 1, 1925

The Construction Barometer

Steady Gain in Industrial Lettings During Past Three Weeks

THERE has been a steady increase in both number and value of lettings for industrial construction since the week of Dec. 11. This is quite true of construction generally, in both private and public work. The rise in cost of construction, started in December, will probably continue throughout the first half of 1925. Much of the work now in the contract stage was deferred until recently in anticipation of further decline in cost, since that factor followed a downward course from May to November, 1924. The advance in cost since Dec. 1 has not affected such basic materials as cement, which shows a decline this week of 10c. per bbl. throughout the West; neither has the prevalence of plenty of common laborers been able to keep down the rising tendency. Steel and lumber show greatest firmness.





Engineering News-Record Statistics

Minimum on waterworks and excavations $15,000; other public work, $25,000; industrial buildings, $40,000; commercial buildings, $150,000.

VALUE OF LARGE CONTRACTS LET IN THE UNITED STATES

Week Ended	Public Work	Private Work	Total Contracts
Dec. 11	$7,782,000	$13,315,000	$21,097,000
Dec. 18	11,664,000	30,537,000	42,201,000
Dec. 25	14,120,000	32,806,000	46,926,000
3 weeks	$33,566,000	$76,658,000	$110,224,000

LARGE BUILDING CONTRACTS—NUMBER AND VALUE

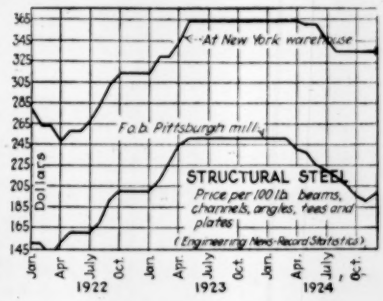
Week Ended	Commercial: Public No.	Commercial: Public Thousand	Commercial: Private No.	Commercial: Private Thousand	Industrial No.	Industrial Thousand
Dec. 11	8	$2,443	24	$8,285	19	$1,560
Dec. 18	9	1,207	41	20,927	25	7,918
Dec. 25	9	3,024	31	19,531	27	12,945
3 weeks	26	$6,674	96	$48,743	71	$22,423

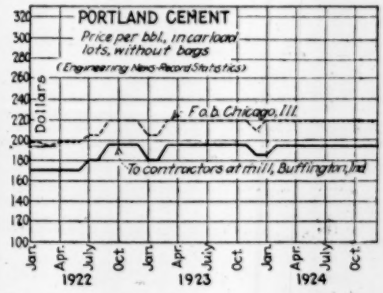
NUMBER OF LARGE JOBS NOW OUT FOR BIDS

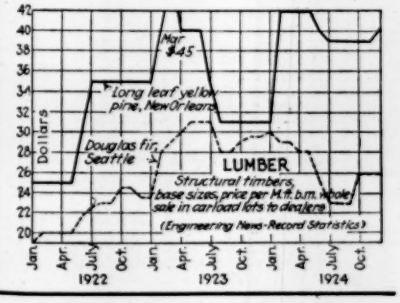
Week Ended	Private	Commercial Buildings	Streets and Roads	Waterworks and Sewers	All Public
Dec. 11	25	34	44	19	144
Dec. 18	31	44	54	21	163
Dec. 25	26	38	51	20	141

STEEL FIRMER AT MILL — CEMENT DOWN IN WEST — COMMON LABOR PLENTIFUL

	Quoted on Jan. 1 at	Last Price Change Was	On
Structurals, Pittsburgh, 100 lb.	$2.10	2.00 @2.10	Dec. 25
Cement, Chi., net bbl.	2.10	2.20	Dec. 25
Pine, N. Y., M. ft.	58.00	55.00	Dec. 11
Fir, San Fran., M. ft.	29.00	31.00	Oct. 30
Common labor, hr.	.55½	.56½	Dec. 25







Waterworks

PROPOSED WORK

Mass., Brookline—Plans election $400,000 bonds to enter Metropolitan Water Dist., and for water supply improvements. H. A. Varney, city engr.

Tenn., Dickson—See "Sewers."

Tenn., Knoxville—Voted $2,500,000 bonds, waterworks improvements. Noted Nov. 20.

Tenn., Nashville — Plans new boiler system and force mains for pumping station. $500,000. H. E. House, mayor. Noted Nov. 20.

Wis., Milwaukee—City making plans rebuilding North Point Pumping Station, brick and concrete. $200,000. J. Schwada, City Hall, engr.

Ia., Greenwood—Election Dec. 29, $364,500 bonds for waterworks, incl. 300,000 gal. filtration plant, deep well, etc. B. N. Maxwell, city clk.

Neb., Bellevue—Election Dec. 31, $27,300 bonds for water system.

Neb., Ruskin—Election Dec. 30, $20,000 bonds for water system.

Tex., Celina—J. E. Ousley, mayor, soon takes bids complete waterworks. $40,000. Elrod Eng. Co., 3124 Main St., Dallas, engrs. Noted Oct. 30.

Tex., Donna—Election soon $75,000 bonds, waterworks and sewerage systems. W. Whigham, mayor.

Tex., Galveston—J. H. Kelly, city secy., takes bids about Feb. 1, 8 m.g. reservoir. $100,000. C. A. Halt, c/o City Hall, engr.

Tex., Lubbock — Voted $75,000 bonds waterworks improvements and extensions. F. R. Friend, mayor. Noted Dec. 11.

Tex., Paducah — J. W. Carroll, mayor, takes bids about Jan. 25, waterworks, paving various streets, etc. $190,000. Gantt-Baker & Co., 1st Natl. Bank Bldg., Oklahoma City, Okla., engrs. Noted Nov. 27.

Tex., Roby — Election Dec. 31, $40,000 bonds waterworks improvements. J. Encke, city secy.

Tex., Slaton—H. C. McGee, city secy., soon takes bids new waterworks and sewers. $30,000. Gantt-Baker & Co., 1st Natl. Bank Bldg., Oklahoma City, Okla., engrs.

Okla., Tulsa—Plans election soon $650,000 bonds for waterworks. $350,000 to pay for work done on Spavinaw project, and balance for additional improvements. Holway Eng. Co., 505 Wright Bldg., Tulsa, engrs.

Calif., Burlingame — Plans additional 6 and 8 in. mains and approximately 25 hydrants in various streets. $25,000 appropriated.

Que., Hull—Making plans new c.i. mains in various streets. $75,000. T. Lanctot, city engr.

Ont., Capreol — Election Jan. 1, $82,000 bonds for waterworks. A. Brundage, Town Hall, engr.

Waterworks (Continued)

Ont., Chatham—See "Streets & Roads."

Ont., Toronto—Making plans 2,800 ft. 30 in. c.i. mains in Huron St. from Phoebe to Wilcox Sts. $30,000. R. C. Harris, city engr.

Ont., Toronto—York Twp. making plans 3½ mi. 6 in. c. i. mains in Rountree Ave., Jane St., and Old Weston and Times Rds. $30,000. F. B. Goldike, 40 Jarvis St., engr.

BIDS DESIRED

La., Bunkie—Jan. 13, by E. H. Talifero, mayor, and Bd. Alderman, 1,975 ft. 8 in., and 3,350 ft. 6 in. c. i. mains, castings, etc., also constructing brick pumping station and installing pumps.

Mich., Jackson—Jan. 24, by City Clerk, power plant piping and erection of auxiliary equipment for new waterworks pumping station. J. E. Whittaker, city mgr., adv. E. N.-R. Jan. 1.

Wis., Madison—Jan. 9 (extended date), at office H. C. Buser, city clerk, 18,222 lin. ft. 30 in. c.i. mains. City to furnish pipe. Noted Dec. 25.

Wis., Milwaukee—Jan. 5, at office Central Bd. of Purchases, D. W. Hoan, chn., two hundred 1 in., three thousand each ¾ and ¾ in. meter cocks, four hundred 1 in., six thousand each ¾ and ¾ in. meter couplings, one thousand ¾ in. and one thousand five hundred ¾ in. corporation cocks, one thousand five hundred 1 in. and one thousand ¾ in. curb cocks, all foregoing f.o.b. Milwaukee; also 40,000 lbs. chemically pure anhydrous liquid chlorine, to Water Dept.

Wis., Milwaukee—Jan. 9, by Central Bd. Purchase, D. W. Hoan, chn., 200 fire hydrants, to Water Dept.

S. D., Faulkton—Jan. 19, for 1350 ft. well, 6- to 11-in. diam., also heavy duty pumping equipment, and 3,150 ft. 4- to 6-in. water-main extension. Dakota Eng. Co., Mitchell, engrs.

Wash., Port Angeles—Jan. 21, by City Comn., 37,000 ft. 20 to 24 in. steel or wood stave pipe line to reservoir, Morse Creek dam and 6 m.g. concrete reservoir or distribution water system. Burns & McDonnell Eng. Co., 402 Interstate Bldg., Kansas City, Mo., engrs. Noted Nov. 20.

BIDS RECEIVED

N. Y., Long Island City — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Dec. 22, from S. Gallucci, Railroad Ave., Corona, mains in Mt. Olivet and Otis Aves., etc., $6,910, Hylatt, Lewis and Prospect Aves., etc., $18,000; from F. Hanratty, 605 Beach Terrace, New York, $14,940. Noted Dec. 18.

N. Y., New York — N. J. Hayes comr. Water Supply, Gas & Electricity, Municipal Bldg., Dec. 23, mains in Barnes, Barker Aves., etc., from Knight & DeMicco, Inc., 448 East Tremont Ave., $15,860. Noted Dec. 18.

CONTRACTS AWARDED

Md., Baltimore—Mayor and City Council, City Hall, valves and hydrants for Water Dept., to A. P. Smith Mfg. Co., Norman St., East Orange, N. J., $150,823. Noted Dec. 18.

Ky., Newport — New filtration plant at reservoirs at St. Thomas, to C. T. McFarlan, Kansas City, $109,800. Engrs. est. $100,000. Noted Dec. 18.

Ill., Oak Park—For 5 m.g. rein.-con. reservoir, Lombard Ave. and Lake St., to W. J. Newman & Co., 21 North Curtis St., Chicago, $129,000. Noted Dec. 25.

Colo., Denver—Pumping equipment for Capitol Hill Station, to De Laval Steam Turbine Co., North Clinton St., Trenton, N. J., $28,820; for Ashland Station, to Le Courtenay Co., 5 Main St., Newark, N. J., $6,355.

Ont., Ford—Essex Border Utilities Comn., constructing tunnel to Merlo, Merlo & Ray, Ford City, $22,727; steel piping, to Horton Steel Co., Bridgeburg, $10,228; laying 48 in. intake, to Considine Reid Co., Ferry Docks, Windsor, $18,409. Engrs. est. $60,000.

Sewers

PROPOSED WORK

Mass., Brighton (Boston, P. O.)—Dept Pub. Wks., City Hall, Boston, plans sewerage system in Everett and Arthur Sts., here. $25,000. J. A. Rourke, Boston, comr.

Md., Baltimore—Mayor and City Council making plans 20 in. main in Gwynn Falls Parkway from Tioga and Liberty Heights to Poplar Grove St. and Beech Ave., $175,000; 36 in. second zone feeder main in Mondawnin Ave. extension from Reistertown Rd. to Gwynn Falls Parkway, $200,000; 16 in. main in Cook's Kane from the 12 in. main in Forest Ave. to Edmondson Ave., $175,000; 36 in. feeder main in North Ave. from Bway. to Gay St., $200,000. V. B. Siems, City Hall, water engr.

Tenn., Dickson—Plans sewerage system and waterworks extensions.

O., Steubenville—Plans sewers in Lincoln Sewer Dist. $56,201. Barston & McCurdy, 321 Ohio Bldg., Akron, engrs.

Ill., East St. Louis—Plans sewers in various streets. $750,000. W. McK. Brown, City Hall, engr.

Neb., Columbus—Voted $60,000 bonds, for 3 sanitary sewers.

Mo., St. Louis — Making preliminary plans sanitary sewer in Harlem Creek Dist. Sewer 16, 8- to 27- in. vitr. clay, brick or segmental block pipe. $38,500. W. W. Horner, 300 City Hall, engr.

Mo., Salem — Election Dec. 30, $90,000 bonds water works and sewers. Alexander Eng. Co., 517 Woodruff Bldg., Springfield, engrs.

Tex., Donna—See "Waterworks."

Tex., Lubbock—Voted $25,000 bonds, extending sanitary sewerage system. F. R. Friend, mayor. Noted Dec. 11.

Tex., Slaton—See "Waterworks."

Calif., Hermosa Beach—Election Jan. 20, $200,000 bonds, for sewerage system.

Calif., Los Angeles — South Bay Cities Sanitation Dist., 700 Hall of Records Bldg., takes bids in January, main trunk line sewer, 78,000 cu.yd. excav., 28,660 lin.ft. 24, 27 and 30 in. vitr. or rein.-con. pipe, 1,000 lin.ft. 6 in. drain tile, replace 1,000 sq.yd. macadam paving, 1,370 cu.yd. concrete paving, 500 lin.ft. concrete and 1,000 sq.ft. concrete sidewalks, etc. $462,800. J. E. Rockhold, 700 Hall of Records Bldg., Los Angeles, engr.

Calif., Ripon—Ripon Sanitary Dist. takes bids about Jan. 22, sewerage system. $30,000 available. J. S. Bates, Rowell Bldg., Fresno, engr. Noted Aug. 7.

Que., Hull—Making plans clay sewers in various streets. $45,000. T. Lanctot, city engr.

Ont., Chatham—See "Streets & Roads."

Ont., Elmira — Making plans activated sludge sewage disposal plant. $25,000. H. Johnston, 63 Frederick St., Kitchener, engr.

Ont., Toronto—Making plans 8 in. vitr. tile, concrete and brick trunk interceptor sewers in northern section, covering about 6 square miles. $10,000,000. R. C. Harris, city engr.

Ont., Toronto—Soon takes bids 8 and 12 in. vitr. tile sanitary sewers in Queens St. E. $22,000, 2 lanes $3,100, Kew Beach Crescent $10,900. R. K. Harris, city engr.

B. C., Vancouver—Voted $200,000 bonds, sewers in various streets. C. Brackenridge, city engr.

BIDS DESIRED

La., Amite City—Jan. 21, by B. L. Goodman, mayor, and Bd. Aldermen, sanitary sewerage system, and septic tank. M. L. Culley, Jackson, Miss., engr.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Dec. 22, sewers in Sutter and 79th Aves., etc., from Welsh Bros. Contg. Co., 32 Queens St., Astoria, (A) $163,274, from A. Paino, 2016 East 14th St., Brooklyn, (B) $148,956; sewer in Moore St., from Green Contg. Co., 734 Vernon Ave., Astoria, $5,720. Noted Dec. 18.

Md., Baltimore—Mayor and City Council, 400,000 lbs. manhole, sewer inlet and similar iron castings to Highways Eng. Dept., from Amer. Shoe Brake & Fdry. Co., Fulton Sta., $11,556. Noted Dec. 18.

Calif., Glendale—From P. S. Tomich, 1211 Douglas St., Los Angeles, sewers in Palmer Ave., Adams St., etc., 6 in. pipe at $0.95 per ft., 8 in. pipe $1.10, 43 manholes $0.70 each, 2 flush tanks $150 each, total approximately $28,156.

Calif., Los Angeles — See "Streets and Roads."

CONTRACTS AWARDED

N. Y., Brooklyn—E. Riegelmann, boro. pres., Boro Hall, repairing sewers in Hoyt St., to Manmill Constr. Co., 2035 Douglass St. $8,446; repairing rakes, screens, pumps, etc., in Caisson 2, West 12th St. and Neptune Ave., to C. L. Riker, 40 Vista Pl., Dongan Hill, $5,980. Noted Dec. 25.

Pa., Phila.—Dept. Pub. Wks., Bureau Surveys, to J. J. McHugh, 1617 Race St., sewers in Green Lane and Fairmont Park, $5,147, Clearview St. $8,728; to Nelly Bros. & Bissell, Inc., Oxford and Wakeling Sts., Wisshickon Low Level intercepting sewer, $114,997; to E. F. Bennis, 641 Chelton Ave., sewers in Boyer St. $8,664, Sharpnock St. $11,668; to Butler & Orlando, 52nd and Webster Sts., Buist Ave. $4,792, Irving St. $3,920; to A. De Sandro & Son, 3906 North 5th St., Napa St. $5,992, Torresdale Ave. $5,522; to J. J. Lombardi, 601 Lincoln Bldg., Wagner Ave. $6,150; to V. J. Perna, 752 South 10th St., Warnock St. $2,142. Noted Dec. 18.

Md., Baltimore—Mayor and City Council, 1,350 ft. 48 and 54 in. rein.-con. sewer, paralleled by 8 in. sanitary sewer, in certain streets and rights-of-way secured and unsecured in Dist. H-1, Storm Water Contr. 79, to Aiello Constr. Co., Knickerbocker Bldg., $25,287. Noted Dec. 11.

Tex., New Braunfels—F. G. Blumberg, mayor, brick and concrete sewerage disposal plant, to L. L. Winans, 2127 Hemphill St., Ft. Worth, $26,000; sewerage system, to Kirkwood & Wharton, 231 West Commerce St., San Antonio, $48,474. Noted Nov. 27.

Calif., Laguna Beach—Director Laguna Sanitary Dist., to A. Giebisch, Virgil Walk, Long Beach, sewer lateral system at $45,668, pumping station $9,809, disposal plant $11,085, ocean outfall $4,200. Noted Aug. 14.

Que., Grand Mere—Will lay 2,000 ft. main sewer in LaRoche St. Jacques, St. Pierre and Angus Sts., by day labor, $30,000. J. A. Bernier, Grand Mere, engr.

Ont., Toronto—For 4,000 ft. brick and concrete interceptor sewer serving Parkdale and Exhibition area, to Russell Constr. Co., Harbor Comn. Bldg., $43,884.

Ont., Toronto—York Twp. will build 6 mi. 8 in. and up vitr. tile sewers, by day labor. $75,000. F. B. Goldike, 40 Jarvis St., engr.

Waste Disposal

PROPOSED WORK

Ont., Oshawa—Plans concrete and brick incinerator. $30,000-$50,000. W. C. Smith, town engr.

BIDS DESIRED

Calif., Los Angeles—Jan. 20, by Bd. Pub. Wks., H. B. Ferris, secy., 200 ton incinerator. Noted April 17.

Bridges

PROPOSED WORK

Mass., Boston — Pub. Wks. Dept. plans new bridge over Boston & Albany R.R. tracks, on Tremont St. $100,000. J. A. Rourke, comr.

Mass., Lynn—Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, plans bridge across deep ravine on Great Woods Rd., here. J. R. Rablin, engr.

Fla., Bradentown — Manatee Co. plans bridge over Long Boat Inlet. $100,000. F. K. Webb, Bradentown, c/o R. H. Roesch, co. clk., engr.

Tennessee—See "Streets and Roads."

Tenn., Elizabethton—State Dept. Hys. & Pub. Wks., Nashville, plans 150 ft. rein.-con. bridge over Laurel Fork, Carter Co., near here. J. G. Creveling, highway engr.

Ohio—See "Streets and Roads."

Wisconsin — Various counties appropriated $661,050 for bridge work during 1925.

Ia., Nevada—Story Co., three 70 x 24 ft. pony truss spans over Squaw Creek, to Wickes Eng. & Constr. Co., 1441 Bluff St., Des Moines, $27,474. Noted Dec. 11.

Tex., Austin—See "Streets and Roads."

Tex., Palestine — Anderson Co. making plans concrete and steel bridge across Trinity River at Bonners Ferry. $40,000. E. W. Davis, co. engr.

Tex., Pearsall—See "Streets and Roads."

BIDS DESIRED

N. Y., New York—Jan. 20, by W. W. Mills, comr. Plants & Structures Municipal Bldg., constructing Roosevelt Ave. Bridge over Flushing River.

Virginia—See "Streets and Roads."

Louisiana—Feb. 3, by State Hy. Comn., Reymond Bldg., Baton Rouge, constructing Interstate Bridge incl. 140 ft. steel riveted high truss span, on concrete piers, three 19 ft. creosoted timber approach spans, etc. over East Pearl River between St. Tammany Parish, La., and Hancock Co., Miss., on Federal Aid Project 175. W. B. Roberts, ch. engr.

S. D., Forest City—Jan. 27, by State Hy. Comn., Pierre, Missouri River Bridge, 1,770 ft. long, 2,500,000 lb. structural steel, 250,000 lb. rein.-con. beams and steel piling, 130,000 lb. reinforcing, 100,000 steel tubes, 1,000 cu.yd. structural and 450 cu.yd. rock excav., here. J. E. Kirkham, Pierre, bridge engr. This corrects report in Dec. 18 issue.

Texas—See "Streets and Roads."

Oklahoma—Jan. 6, by State Hy. Dept., Oklahoma City, one 96 ft. truss span and two 20 ft. I-beam approaches over Washita River at Anadarko, Caddo Co., $30,000; 18 span 440 ft. steel and concrete bridge at McBride, Cherokee Co., $38,000; 20 span 492 ft. steel and concrete bridge at Mangum, Greer Co., $44,000. J. M. Page, highway engr.

Bridges (Continued)

Que., **St. Irene**—Dept. Pub. Wks., Quebec, taking bids 1 span 76 ft. rein.-con. arch bridge, here, Charalevoix Co. $30,000. I. E. Vallie, Quebec, engr.

BIDS RECEIVED

La., **New Orleans** — Dept. Pub. Finance Office, Purch. Div., Room 24, City Hall, single leaf bascule bridge over Navigation Canal, South Carrolton Ave., **(A)** substructure **(B)** superstructure from Lake Side Bridge & Steel Co., North Milwaukee, Wis., **(A)** $69,000; from General Constr. Co., New Orleans, **(B)** $73,000. Noted Oct. 30.

Tex., Seymour—See "Streets and Roads."

Tex., Vernon—See "Streets and Roads."

CONTRACTS AWARDED

Pennsylvania — Delaware River Bridge Joint Comn., 806 Widener Bldg., Phila., Camden approach, Contr. 20, to A. O'Neill, 23 Spring Garden St., Phila., $408,161. Noted Dec. 25.

Pa., Pittsburgh — Alleghany Co., superstructures for 6th, 7th and 9th St. bridges over Alleghany River, to Amer. Bridge Co., Frick Bldg., $2,531,706. Noted Oct. 16.

Ala., Decatur—Limestone-Morgan Bridge Co., concrete and steel bridge over Tennessee River, to Nashville Bridge Co., Shelby Ave., approximately $540,000. Hewitt Co., Spartanburg, S. C., finances project.

Ohio—See "Streets and Roads."

Kan., Eldorado — Butler Co., bridge on Augusta Rd., Federal Aid Project 205-F, to C. A. Clarke, 737 North Topeka St., Wichita, $35,657. Noted Dec. 4.

Kan., Washington — Washington Co., Bridges 1, 2, 3 and 4, on Federal Aid Project 211, to Interstate Concrete Co., Fairbury, Nebr., $24,863; drainage structures on Sects. A, B and C, also Bridge 6, to Wayland Bridge Co., Washington, $18,486 and $5,628 respectively; Bridge 5, to A. Luebken, Hanover, $4,006. Noted Nov. 13.

Tex., Jefferson—See "Streets and Roads."

Oklahoma — State Hy. Dept., Oklahoma City, three 66 ft., steel and concrete span bridge over Brushy Creek, 18,000 cu.yd. earth approach and fill, in Pittsburg Co., to Gaines, Yoekum & Mackey, 412 East Park St., Oklahoma City, $64,000. Engrs. est. $76,300.

Dams

PROPOSED WORK

Tex., Cotulla—See "Excavation, Drainage, Irrigation, Levees."

Quebec—Quebec Running Water Comn., Montreal, plans concrete dam at Lake Catonga, 75 miles south of Amos. $1,000,000. J. O. Lefevre, 59 Notre Dame St., Montreal, engr.

Que., Coaticook—See "Unclassified."

Railways

PROPOSED WORK

Ontario — Toronto, Hamilton & Buffalo R.R., Hamilton, plans 8 mi. spur line from Welland to Port Colborne. $150,000. R. L. Latham, ch. engr.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Ill., Sycamore — Coon Creek D. D., De Kalb Co., making preliminary plans cleaning out 3 mi. old channel, 15,000 cu.yd. excav., building outlets of tile drains with concrete walls and drop basins, clearing trees on 3 mi. ditch, retaining walls, etc. $25,000. W. N. Hay, Sycamore, engr.

Ia., Council Bluffs — Pottawattomie Co., Council Bluffs, and Harrison Co. (Logan) rejected bids clearing Willow Creek, 83,000 cu.yd. excav.

Kan., Argentine—Kaw Valley D. D., c/o H. T. Zimmer, secy., making plans raising levee between 12th St. and West Argentine Bridges, 8 ft. filling dike between 5th and Turkey Creek. $250,000. Will co-operate with Sante Fe R.R. Co.

Neb., Columbus — Oconee D.D. making plans approximately 3 mi. ditches, 122,000 cu.yd. excav., etc. $40,000. F. Gottschalk, Columbus, engr.

Neb., Hershey—Platte Valley D.D., c/o I. E. Ware, secy., Hershey, postponed taking bids indefinitely, constructing 6.25 mi. irrigation ditches and laterals.

Mo., New Madrid—New Madrid D.D. 38, takes bids in February drainage ditches, levees, etc., to protect about 33,000 acres in New Madrid Co. $300,000. Morgan Eng. Co., 620 Goodwyn Institute, Memphis, Tenn., engrs.

Tex., Cotulla—Voted $75,000 bonds, preliminary work and surveys for daming Nueces River for irrigation. Engineering Dept. of International Great Northern Ry., Palestine, assisting in preliminary work. Nagle White & Rollins, Courthouse, Dallas, tentatively retained as engineers. Noted Jan. 21.

BIDS DESIRED

Ia., Council Bluffs — Jan. 15, by G. B. Sparks, aud. Pottawattamie Co., cleaning out Willow Creek D. D., Harrison and Pottawattamie Counties, 93,000 cu.yd. excav. Former bids rejected. $15,000. Noted Dec. 18.

CONTRACTS AWARDED

Fla., St. Petersburg—Vinoy Park Hotel Co., cutting channel and filling 600,000 sq. ft. land, to Atlantic Gulf & Pacific Co., 13 Park Row, New York City, $69,000.

Calif., Merced—Merced Irrigation Dist., made plans 100,000 to 150,000 cu.yd. excav. for canal. R. V. Meikle, ch. engr.

Calif., Meridian—Reclamation Dist. 70, Sutter Co., made plans 1,800 lin.ft. levee, 14,000 cu.yd. floating clamshell dredge work. F. H. Tibbetts, Alaska Commercial Bldg., San Francisco, engr.

Calif., Montague—Montague Irrigation Dist., c/o G. W. Dwinnell, secy., plans earthfill storage dam, 77 ft. high, 2,000 ft. long on crest, 552,000 cu.yd. earth work, canals, etc., to irrigate 22,000 acres. To exceed $1,000,000.

Streets and Roads

PROPOSED WORK

Massachusetts—Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, plans parkway from Newburyport Turnpike at Walnut St., past Breeds Pond Reservoir to boundry reservation near Lynnwood St., in Lynn. $471,000. J. R. Rablin, comr.

Mass., Boston—Plans widening Beverly St. near Cross St. $25,000. J. F. Sullivan, Street Laying Out Dept., secy.

Mass., Boston—Plans widening Commercial St. from North End Beach to Keany Sq. $50,000. F. H. Fay, City Planning Bd., chn.

Mass., Lynn—Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, plans 47,000 ft. highway from Newburyport Turnpike along Waldon and Great Woods Rds., 20 ft. $335,000. J. R. Rablin, 1 Ashburton Pl., Boston, engr.

Mass., Quincy (Boston, P. O.) — State, City and Norfolk Co., plan highway from East Squantum and Dorchester Sts. to Shoreham St. $50,000. W. F. Williams, comr. Dept. Pub. Wks., Boston.

Mass., Watertown — Bd. Selectmen plan widening Main and Galen Sts. $25,000.

Md., Easton—Making plans concrete paving West St., Brookletts and August Aves. $50,000. Address City Engineer.

Fla., Bradentown—Manatee Co. election Jan. 14, constructing and brick or concrete paving 5.54 mi. Panish-Polk Co. Rd., $112,000; 37.7 mi. Bradentown-Arcadia Rd., $533,000; 23 mi. Parrish-Wauchula Rd., $430,000; Bradentown-Palmetto Bridge Rd., $100,000; 6.25 mi. Ellenton-Gillette Rd., $110,000; 7.25 mi. Rangeline Rd. and Rubonia cut-off, $115,000. R. H. Roesch, co. clk.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, soon takes bids grading several over 20 ft. span rein.-con. bridges, and surfacing, probably gravel or chert, 7 mi. Savannah-Wayne Co. line Rd., 16 ft., Hardin Co.; probably gravel or limestone surfacing 19 mi. Decatur-Bradley Co. line Rd., 16 ft., Meigs Co.; also grading, bridging, etc., 7 mi. Forbus-Kentucky State Line Rd., 16 ft., Pickett Co. J. G. Creveling, highway comr. Noted Oct. 9.

Tennessee—State Hy. Comn., Nashville, making surveys improving 13 mi. Milan-Weakley Co. line Rd., 18 ft., Gibson Co. J. G. Creveling, highway comr.

O., Youngstown — City plans improving Elberon Ave. $40,000, Gertrude Ave. $40,000, Evergreen Ave. $40,000, Dale Ave. $25,000, McHenry Ave. $35,000, Stratmore Ave. $35,000, West LaClede Ave. $40,000, La Clede St. $25,000-$35,000, and Water St. $25,000-$30,000. G. T. Turner, city engr.

Mich., Escanaba — C. E. Anderson, city clk., takes bids in spring paving 1st Ave. N., 4th St., 12th Ave. N., 5th Ave. S., Stephenson and Washington Aves.; resurfacing 2nd Ave. S., 10th St., Ave. N., West Ludington St., 15th St. S., 4th, 5th, 8th and 12th Sts.

Mich., Iron Mountain — Plans paving 65 streets. H. C. Lindholm, city clk.

Ill., DeKalb—Making preliminary plans grading, surfacing, etc. various streets. 7,000 sq.yd. Warrenite bitulithic over old brick and macadam paving. W. N. Hay, city engr.

Ill., East St. Louis—Takes bids in January hardsurfacing 4 mi. St. Clair Ave., 36 ft.; rein.-con. surfacing 22,730 sq.yd. Missouri Ave., etc.; also plans paving 22 projects during 1925, $1,500,000. W. McK. Brown, City Hall, engr.

Ill., Sycamore—Making preliminary plans and takes bids probably in February, grading, concrete curbing, guttering and concrete paving 40,000 sq.yd. various streets. $160,000. W. N. Hay, Sycamore, engr.

Wisconsin—Rusk Co. appropriated $27,685 for county and state road work during 1925. D. J. Summerville, comr.

Wisconsin—Various counties appropriated $5,917,684 for street and road work during 1925.

Wis., Fort Atkinson—City plans paving several miles various streets during 1925. To exceed $25,000. H. H. Smith, city clk. Engineer not selected.

Wis., Green Bay — W. Kerr, city clk., making plans paving 40,000 sq.yd. Alart, Cass, Cedar, Eliza, Jefferson, Quincy, Roosevelt, Stuart, St. Clair and St. George Sts. A. E. Kringel, City Hall, engr.

Wis., Manitowoc—Making plans paving 80,000 sq.yd. New York Ave., Marshall and South 14th Sts., various types, incl. concrete. F. Alter, City Hall, engr.

Wis., Port Washington — Ozaukee Co. plans concrete surfacing 1,200 lin.ft. East Valley and Washington Sts. in Port Washington; Wauheka-Randon Lake Rd., $22,350; Doyles-West Bend Rd., $18,300; Cedarburg-Wauheka Rd. $16,675; County Trunk K in Port Washington, Saukville, Belgium and Fredonia Twps. $8,200, also road in Mequon Twp., $4,600. W. J. Ubbink, Madison, highway comr.

Wis., Racine — Racine Co. takes bids in spring, concrete surfacing 4.5 mi. New Minister Rd. south of Burlington, and 3 mi. from Burlington east toward Durand, 18 ft. W. Bechthold, Madison, highway comr.

Wis., Waukesha—Waukesha Co. appropriated $101,283 for state and county road work during 1925. C. J. Hahn, Waukesha, comr.

Ia., Maquoketa—Postponed letting bids which were to be opened Dec. 16, paving, etc. 20,500 sq.yd. various streets. Will readvertise. $50,000. J. G. Thorne, Clinton, engr. Noted Dec. 4.

S. D., Vermilion — Plans paving 3 mi. various streets. $100,000. C. I. Vaughn, city clk.

Mo., Clayton—St. Louis Co. plans election in spring, $5,000,000 bonds paving and reconstructing main roads and laterals. R. Jablonsky, Courthouse, engr.

Mo., Farmington—Takes bids in January, grading, curbing, guttering and paving 15,000 sq.yd. various streets. $40,000 upwards. C. A. Haskins, 517 Finance Bldg., Kansas City, engr.

Mo., Maryville—Preliminary plans grading, curbing, guttering and hard surfacing 12 or 32 blocks various streets. E. T. Archer & Co., 609 New England Bldg., Kansas City, engrs.

Mo., St. Louis — Making preliminary plans grading and concrete or brick on concrete paving alleys in city Blocks 2643, 2906, 2925, 2965, 2968, 3033, 3390, 3391, 3392, 4020-S, 4098-S, 5012-W, 5280, 5242, 5481, 5535, 5546 and 5661. $68,700-$99,380. W. W. Horner, 300 City Hall, engr.

Tex., Austin—Travis Co. plans grading, bituminous macadam surfacing and bridging 9 mi. State Highway 20, Manor Rd., 18 ft. $278,000. O. Leonard, Box, 256, engr.

Tex., Austin—Travis Co. making plans bituminous macadam surfacing 5.7 mi. State Highway 2, Round Rock Rd., 18 ft. $116,600. O. Leonard, Box 256, co. engr.

Tex., Lubbock — Voted $125,000 bonds permanent street paving. F. R. Friend, mayor.

Tex., Paducah—See "Waterworks."

Tex., Pearsall—Frio Co. takes new bids by Jan. 15, grading, gravel surfacing and bridging 14.8 mi. State Highway 89, Dilley-Eagle Pass Rd. $190,000. Former bids rejected. R. E. Killmer, Pearsall, engr. Noted Dec. 18.

Tex., Post City—Election Jan. 6, $50,000 bonds paving various streets. R. N. Smith, city secy.

Tex., San Antonio—Making plans permanent paving, rock base and asphalt topping 1 mi. Guadalupe St., 60 ft. $70,000. I. Ewig, city engr.

Tex., Snyder—Voted $50,000 bonds, street paving and improvements. A. C. Pruitt, city secy.

Okla., Aurora—Plans paving 25,000 yd. various streets. Alexander Eng. Co., 517 Woodruff Bldg., Springfield, Mo., engr.

Okla., Hobart—Making preliminary plans grading, curbing and concrete paving 7,100 sq.yd. Kiowa and Kickapoo Sts. $30,000. J. G. Huie, Hobart, engr.

Okla., Pauls Valley—Plans grading and surfacing 14 blocks Cherry and Pecan Sts., 14,300 sq.yd. gravel. $30,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Ont., Chatham — Plans paving work, sewers, water mains, etc., in various streets. $50,000. A. Fuller, city engr.

Streets and Roads (Continued)

Okla., Shidler—Making preliminary plans grading, concrete curbing, and vitr. brick paving 5,600 sq.yd. Cosden Ave. $28,000. S. Turner, Shidler, engr.

Wash., Seattle—King Co. plans paving Des Moines-Kent Rd. $85,000; 16th Ave. S. W.-Lake Burien Rd. $76,650; Auburn South Rd. $100,000; Greenwood Ave. $71,786; 85th St. from North Trunk Rd. to 15th St. N. W. $50,000; 10th Ave. N. E., extension $37,500. T. R. Beeman, co. engr. Noted Nov. 6.

Calif., Los Angeles — Los Angeles Co. takes bids about Jan. 7, improving 7,772 ft. Hunts Crossing Rd., Impvt. Dist. 28, 4,001 cu.yd. excav., 17,271 sq.yd. asphaltic concrete paving, 18,134 ft. each subgrade and disintegrated granite sub-base, 15,544 ft. shoulders, $43,952; 3,593 ft. Boston Ave., Impvt. Dist. 122, 12,460 sq.yd. asphaltic concrete, 1,238 ft. curbing, 14,010 sq.ft. gutters, 2,780 cu.yd. excav., $39,910; 2,320 ft. 109th St., Impvt. Dist. 216, 10,086 sq.ft. gutters, 1,282 cu.yd. excav., 6,838 sq.yd. asphaltic concrete paving; 2,320 ft. 111th St., Impvt. Dist. 218, 10,058 sq.ft. gutters, 1,536 cu.yd. excav., 6,838 sq.yd. asphaltic concrete paving, 6,838 ft. subgrade, 2,320 ft. 110th St., Impvt. Dist. 239, 11,086 sq.ft. gutters, 1,506 cu.yd. excav., 6,838 sq.yd. asphaltic concrete paving. G. Jones, Hall of Records Bldg., engr.

B. C., Vancouver—Voted $200,000 bonds hardsurfacing various streets. C. Brackenridge, city engr.

Ont., Ft. William—Plans 11,000 sq.yd. tarvia macadam pavement on May St. $40,000. C. B. Symmes, city engr.

Ont., Pembroke—Renfrew Co. plans to expend $150,000 next year, improving earth and gravel roads, culverts, etc., and macadamizing 6 mi. Egansville-Cobden Rd. and Burnstown Rd. W. J. Moore, co. engr.

Ont., St. Catharines—Plans paving program for 1925, mostly cement roadways. $50,000. B. F. Lamson, city engr.

BIDS DESIRED

Virginia—Jan. 15, by State Hy. Dept., Richmond, improving roads and constructing bridges in various projects and counties. C. S. Mullen, highway engr.; adv. E. N.-R. Jan. 1.

Ala., Montgomery — Jan. 13, by J. L. Cobbs, city treas., asphalt, bitulithic concrete, Kentucky rock asphalt, tarvia double seal, rawhide or Willite process paving Jefferson and South Sts. J. M. Garrett, city engr.

Louisiana—Jan. 20, by State Hy. Comn., Reymond Bldg., Baton Rouge, constructing 2.06 mi. State Project 402 C, Ville Platte-Bunkie Highway, Evangeline Parish, 10 mi. State Project 414 A, Jonesboro-Monroe Highway, Jackson Parish, and 6.41 mi. State Project 380 C-2, Eunice-Lecompte Highway, Evangeline Parish. W. B. Robert, state engr.

La., Homer—Jan. 7, by Clerk Claiborne Parish, grading and gravel surfacing, etc., 14.51 mi. Sects. A, B and C, Junction City-Homer Rd., and Sect. A Homer-Oilfield Highway.

Ill., Galesburg — Jan. 5, by Bd. Local Impvts., City Hall, grading, curbing, vitr. brick paving, etc., 3,446 sq.yd. Brooks St., $14,704; 2,325 sq.yd. East Fremont St. and Florence Ave., $10,081; 12,660 sq.yd. South Pear St., $50,640. A. L. Richey, City Hall, engr. Noted Oct. 30.

Mo., St. Louis—W. B. Ittner, archt., 911 Locust St., taking bids and opens same about Jan. 8, 4 story, brick, concrete and stone, plain foundation, 19th and Morgan Sts., for Neighborhood Assn., 817 North 19th St. $125,000-$150,000.

Texas—Jan. 9, by Commissioners Courts of Cass and Bowie Counties at office County Clerk, Linden, improving highways and bridges on 3.09 mi. State Aid Project 554, Cass and Bowie Counties. F. E. Hess, Linden, co. engr.

Tex., Coleman—Jan. 12, by W. E. Dickerson, engr., Coleman Co., permanent paving 7 mi. Santa Anna-Buffalo Rd., 18 ft. $80,000.

Oklahoma—Jan. 6, by State Hy. Dept., Oklahoma City, grading, gravel surfacing, etc. 18,000 sq.yd. State Aid Project 61, Okfuskee Co., $25,000; 10,560 sq.yd. Shawnee-Tecumseh Rd., State Aid Project 77-A, Pottawatomie Co., $25,000; 19,880 sq.yd. State Aid Project 92, Texas Co., $31,000; 42,100 sq.yd. Geary Rd., State Aid Project 29, Blaine Co., $40,000. J. M. Page, highway engr.

Okla., Wetumka—Jan. 9, by C. M. Hamilton, city clk., grading and paving 9 blocks Alabama and St. Louis Sts., 26 and 40 ft., $67,900. Former bids rejected. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Dec. 11.

Calif., Burbank—Jan. 6, by City Clerk, improving 6,420 ft. Monterey Ave. and 9th St., 11,722 lin.ft. curbing, 32,000 lin.ft. gutters, 36,000 sq.ft. oil macadam paving; 7,000 ft. Orchard Dr. and Harvard Rd., 12,500 lin.ft. curbing, 55,000 lin.ft. sidewalks, 20,000 sq.ft. oil macadam paving. $25,000. A. M. Rose, Burbank, engr.

Calif., Los Angeles—Jan. 12, by Supervs. Los Angeles Co., improving 23,723 ft. Atlantic Ave., Impvt. Dist. 240, 52,397 cu.yd. excav., 47,446 ft. shoulders, 79,076 sq.yd. each disintegrated granite and subgrade, $98,397; 24,474 ft. Western Ave., Impvt. Dist. 243, 54,609 sq.yd. disintegrated granite, 65,000 sq.yd. disintegrated granite subgrade, 49,148 ft. shoulders. $25,000. G. Jones, Hall of Records Bldg., engr.

Calif., Santa Cruz—Jan. 8, by City Council improving Leibrandt Ave., 15,075 sq.ft. grading, 685 lin.ft. concrete curbing, 15,075 sq.ft. 5 in. concrete paving, etc. H. E. Godegast, city engineer.

BIDS RECEIVED

N. Y., Brooklyn—Fire Dept., Municipal Bldg., New York, restoring pavements disturbed by constructing underground fire system, here, from Sicilian Asphalt Paving Co., 41 Park Row, New York, (1) $26,550, from Harrison & Bernhardt, Inc., Central Ave., (2) $5,400 (3) $2,100.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., from Cleveland Trinidad Paving Co., Flushing, asphalt repaving Ditmars Ave. $13,452, 8th Ave. from Flushing to Potter Aves., $25,875, 8th Ave. from Jackson to Washington Aves., $17,120, Prospect St. $26,130, 6th Ave. $42,180, from Highway Impvt. & Repair Co., 501 Bloomfield Ave., Montclair, N. J., Jackson Ave. $117,373; from Sicilian Asphalt Paving Co., 41 Park Row, New York, recurbing, reflagging and paving 14th Ave., $16,568; from Uvalde Asphalt Paving Co., 1 Bway., New York City, grading, curbing and sidewalks on 92nd St. $10,187, permanent paving 104th St. $38,005. Noted Dec. 18.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, curbing and sidewalks on Hobson Ave. from H. J. Mullin Contg. Co., Jamaica Ave. and 144th St., Jamaica, $32,523, 112th St., from Uvalde Asphalt Paving Co., 1 Bway., New York City, $18,340; sheet asphalt repaving Astoria Ave., from A. A. Johnson Corp., Queens Blvd., $40,235, Bway., from W. P. McDonald Co., 17 West 42nd St., New York City, $36,475. Noted Dec. 18.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Dec. 22, sheet asphalt repaving Lexington and 5th Aves., from W. J. Fitzgerald, 547 West 45th St., $33,903 and $5,712 respectively. Noted Dec. 18.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, from Trinidad Asphalt Mfg. Co., Title Guaranty Bldg., asphalt paving, etc., Tennessee Ave., $15,058, Francis St. $20,071; from Webb-Kunze Constr. Co., 5927 Fyler Ave., asphalt paving, etc., Louisville Ave. $33,221, Bancroft Ave. $12,849; from Granite Bituminous Paving Co., Ry. Exch. Bldg., Warrenite on concrete, paving, etc., Davison Ave. $26,491, Emerson Ave. $29,111, Thomas St. $25,341, Varrelmann Ave. $5,777; from Blackburn & Crean, 4036 Chouteau Ave., asphalt paving Hoffman Ave. $13,737, and recut granite block paving Arsenal St. $22,120. Noted Nov. 27.

Tex., Jacksboro—Jack Co., 2½ in. bituminous macadam on sledged stone surfacing 16.94 mi. State Highway 24, Federal Aid Project 437-B, 17 ft., from Haden & Austin, Santa Fe and Runnels Sts., Houston, $185,214. Engrs. est. $213,500. Noted Nov. 20.

Tex., Seymour—Baylor Co., grading and bridging 14.47 mi. State Highway 30, Federal Aid Project 452-A, 26 ft., from Bucy & Childs, Rising Star, $31,144. Engrs. est. $42,234. Noted Dec. 4.

Tex., Seymour—Baylor Co., grading and bridging 12.72 mi. State Highway 24, Federal Aid Project 455-A, 26 ft., from McClellan & Stroup, Wichita Falls, $39,536. Engrs. est. $44,000. Noted Nov. 27.

Tex., Vernon — Wilbarger Co., grading, rein.-con. surfacing and bridging 5.26 mi. State Highway 5, 18 ft., from General Constr. Co., Cotton Exch. Bldg., Ft. Worth, $157,278. Engrs. est. $192,975.

Calif., Los Angeles—Grading Ocean Ave., from Griffith Co., Railway Bldg., $10,248; grading, oiling, rolling, etc., West View Ave., from P. J. Akmadjich, Los Angeles, $6,069; oiling, rolling, ornamental street lighting, cement sewer in Vincent St., from W. D. McCray, Amer. Bank Bldg., $46,026.

Calif., Los Angeles—Paving and sewers in Canal Ave. from W. D. McCray, Amer. Bank Bldg., $91,578; 15th St., from Griffith Co., Railway Bldg., $16,648.

Calif., Los Angeles—Bd. Pub. Wks. Dec. 15, grading, curbing, asphaltic concrete paving, Oxford Ave., from Los Angeles Paving Co., 2900 Santa Fe Ave., $36,980; grading, sidewalks, remodeled oil surfacing, etc., 68th St., from Chalmers & Ford, 1 W. Hellman Bldg., $67,802; grading, gutters, etc., Serreno Pl., also asphaltic concrete paving, etc., Laclede St., from Griffith Co., Railway Bldg., $1,806 and $12,772 respectively; improving Saratoga St., from F. Martter, Los Angeles, $7,301, Plymouth Blvd., Parthenia and 41st Sts., from H. Oswald, Amer. Bank Bldg., $7,276, $2,304 and $20,668 respectively.

CONTRACTS AWARDED

N. Y., Brooklyn—E. Riegelmann, boro. pres., Boro Hall, granite repaving Sand St., to Garberry Block Corp., 45 South 9th St., $31,105, Schenectady Ave. to Greico Bros., 172 Russell St., $18,291; asphalt paving 65tth St., to Brooklyn Alcatraz Asphalt Co., 409 Hamilton Ave., $41,760. Noted Dec. 25.

N. Y., Brooklyn—E. Riegelmann, boro. pres., Boro Hall, Dec. 3, to B. Picone & Son, grading, curbing and flagging Brooklyn Ave. $2,341, Schenectady Ave. $4,587, 9th Ave. $3,748, 80th St. $3,403; to W. J. McHale Contg. Co., 1250 Jefferson St., East 37th St. $3,588, East 48th St. $4,262, to R. Lynster, 1364 Sterling Pl., Nostrand Ave. $2,098; to Uvalde Asphalt Paving Co., 1 Bway., New York City, asphalt paving Brooklyn Ave. $3,498, to Brooklyn Alcatraz Co., 407 Hamilton Ave., East 37th St. $7,864, Livingston St. $109,503, 9th Ave. $8,774, 80th St. $8,805. Noted Dec. 11.

Pennsylvania—State Hy. Dept., Harrisburg, rein.-con. surfacing 17,530 sq.yd. Route 221, Cambria Co., to Fort Pitt Constr. Co., Inc., Martin Bldg., Pittsburgh, $219,915; 8,901 sq.yd. Application 3177, Tioga Co., to R. D. Richardson Constr. Co., Connell Bldg., Scranton, $48,989; 53,500 sq.yd. Route 241, Wyoming Co., to Rudolph & Delano, Tamaqua, $287,000. Noted Oct. 16.

Ohio—Dept. Highways & Pub. Wks., Columbus, to Erman & Selbel, Defiance, grading, bridging and paving 4.053 mi. Sect. E-2 and C, Defiance-Paulding Rd., Paulding Co., rein.-con. $111,804, to P. B. Putnam, Toledo, 2.011 mi. Sects. J and Oakwood, Continental-Paulding Rd., Paulding Co., asphaltic macadam, $44,976, to Stuart & Kiner, Moxahala, 3.13, Sect. I, New Lexington-Athens Rd., Perry Co., brick, $25,597, to Seneca Constr. Co., Kansas, 0.821 mi. Sect. "Bettsville," Lima-Sandusky Rd., $31,653, 0.21 mi. Sect. "Bettsville" Lima-Sandusky Rd., $4,329, 2.87 mi. Sect. F, Upper Sandusky-Athens Rd., $73,697, all Seneca Co. and concrete, to D. C. Ingold, McComb, 2.209 mi. Sect. J, Fostoria-Carey Rd., Seneca Co., asphaltic macadam, $46,217, to W. H. and H. A. Souder, Fostoria, 3.046 mi. Sect. L, Tiffin-Republic Rd., Seneca Co., bituminous macadam, asphalt, $51,288, to V. Mango, Niles, 2.509 mi. Sect. C-2, Painesville-Warren Rd., Trumbull Co., asphaltic macadam, $32,293; 2.702 mi. Sect. D. Painesville-Warren Rd., Trumbull Co., asphaltic macadam, $47,681; to Bullhart & Wright, Coshocton, graveling 4.403 mi. Sect. C, Mt. Vernon-Coshocton Rd., Coshocton Co., $61,162; to McCleary & McGregory, West Lafayette, widening 2.506 mi. Sects. P, R and Hopedale, Cambridge-Steubenville Rd., Harrison Co., $14,706; to Ebersbach Co., Pomeroy, grading, etc., 4.59 mi. Sects. "P and Corning" New Lexington-Athens Rd., Perry Co., $127,635; bridge on Sect. C, Caldwell-Woodfield Rd., Noble Co., to Ready Bros., Warren, $11,751. Noted Dec. 25.

Ohio—Dept. Highways & Pub. Wks., Columbus, grading, bridging and paving Sect. "A" Cleveland-West Richfield Rd., Cuyahoga Co., brick, to W. Huber, Eaton, $305,469; 6.603 mi. Sects. "G-2" and "D" Delaware-Newark Rd., Delaware Co., asphaltic macadam, to L. L. Clymer, Bluffton, $149,264; 3.059 mi. Sect. "L" Mt. Vernon-Coshocton Rd., Knox Co., asphaltic macadam, state stone, to Gledhill & Sampler, Galion, $49,245; 3.026 mi. Sect. "N" Cincinnati-Zanesville Rd., Perry Co., rein.-con., to Holmes Constr. Co., Wooster, $101,295; 3.131 mi. Sect. "I" New Lexington-Logan Rd., Perry Co., rein.-con., and 3.131 mi. Sect. "Shawnee" New Lexington-Logan Rd., Perry Co., brick, to W. F. Payne, Springfield, $125,165 and $34,072 respectively. Noted Dec. 25.

Ia., Idagrove—Ida Co., grading, etc., 8.16 mi. Primary Rd. Project 213-A, south of Holstein, 111,977 cu.yd. excav., to A. L. Cook, Ottawa, Kan., $25,036.

La., Winnsboro—A. W. Brown, city secy., Town Hall, 6 in. rein.-con. paving 11,970 sq. yd. Alsworth, Prairie, Front and Pine Sts., to Fleniken Constr. Co., Shreveport. Noted Dec. 4.

Kan., Eldorado—Butler Co., grading, etc., Federal Aid Project 205-D, to Stamey-Mackey Constr. Co., Hutchinson, $25,887.

Streets and Roads (Continued)

Kan., Hiawatha — Brown Co., grading, etc., Federal Aid Project 265-A and B, to A. E. Roberts, Sabetha, $25,033 and $27,296 respectively. Noted Nov. 27.

Kan., Washington—Washington Co., grading Federal Aid Project 211-A, B and C, to A. L. Cook, Ottawa, $53,719. Noted Nov. 13.

Neb., Lexington—Dawson Co., improving 3.546 mi. Federal Aid Project 321 near Glendive, gravel surfacing, to R. L. Wiley, Summit, S. D.; culverts, to Diamond Eng. & Constr. Co., Grand Island.

N. D., McClusky—Sheridan Co., grading etc. 7 mi. Federal Aid Project 218 Sect. B, west of Denhoff, to F. O. Smith, Steele, $25,496. Noted Dec. 11.

Tex., Greenville—Hunt Co., reshaping old local stone base and waterbound macadam surfacing with inverted penetration topping 13 mi. Wolfe City Rd., 16 ft., to J. A. Block & Co., 2093 West 8th St., Ft. Worth, $73,055, engrs. est. $75,000; reshouldering and Bates type rein.-con. surfacing 11.14 mi. State Highway 1, Federal Aid Project 171, 18 ft., to Plains Paving Co., Greenville, $226,415, engrs. est. $348,500. Noted Nov. 27.

Tex., Jefferson—Marion Co., grading, 2 in. amesite paving and bridging 20.55 mi. State Highway 49, Federal Aid Project 365, to Tibbetts Constr. Co., Mineral Wells, Tex., $174,428. Engrs. est. $195,000. Noted Oct. 9.

Tex., Kerrville—Paving 6 blocks Main St., concrete and asphaltic concrete, to Colglazier & Hoff, 922 Austin St., San Antonio, $30,000.

Tex., Kerrville — Paving 6 blocks Earl Garrett St., to Colglazier & Hoff, 922 Austin St., San Antonio, $30,000.

Tex., San Antonio—Asphalt on concrete paving Rigsby Ave., to Alamo Paving Co., Gunter Bldg., $40,000. Original contract cancelled and this contract awarded to include concrete base, etc.

Okla., Oklahoma City—Natural rock asphalt paving 14,500 sq.yd., 17th St., to Western Paving Co., Tradesman Natl. Bank Bldg., $82,620. Noted Dec. 4.

California — State Hy. Comn., Sacramento, grading 10.8 mi. road from Half Way Creek to Dog Creek, from Edwards Bros., Pacific Mutual Bldg., Los Angeles, $400,905. Shasta Co.

Calif., Bakersfield—Grading 1.5 in. Warrenite on 3.5 in. asphaltic concrete paving, etc., portions of 24th St., to Union Paving Co., Call Bldg., San Francisco, $60,428. Noted Dec. 25.

Calif., Los Angeles—Supervs. Los Angeles Co., improving 7,652 ft. Ford St. between Eugene Ave. and Anaheim St. to Fry Bros. Constr. Co., 2905 Elliott St., Long Beach, $70,114; 5,181 ft. Western Ave., to C. E. Crowley, 601 Pacific Electric Bldg., $9,548; 1,276 ft. 62nd St. between Compton St. and Hooper Ave., also Alpha Ave., to Griffith Co., 502 Railway Bldg., $9,688 and $9,334 respectively; 1,666 lin.ft. Towne Ave. and 3,252 ft. Alpha Ave., to E. L. Phillips, 109 La Poloma Ave., Alhambra, $2,273 and $5,816 respectively; 2,472 ft. Elm St. and 2,472 ft. Fir St. to G. H. Oswald, 366 East 58th St., $20,436 and $19,667 respectively.

Calif., Los Angeles—Supervs. Los Angeles Co., improving 13,400 ft. Hawthorne Ave., to J. Martin, 789 Lyon St., Los Angeles, $34,860. Noted Nov. 13.

Calif., Los Angeles—Los Angeles Co., improving West View Ave., to P. J. Akmadjich, 821 Yale St., $6,069; Canal Ave., to W. D. McCray, 416 Amer. Bank Bldg., $91,578; Ocean Ave. and 15th St. to Griffith Co., 502 Railway Bldg., $10,248 and $16,648 respectively.

Calif., Monterey—City Council, improving Jefferson St., etc., 90,000 sq.ft. 1.5 in. on 2.5 in. asphaltic concrete curbing, guttering, etc., to Clark & Henery Co., Chancery Bldg., San Francisco, $32,615. Noted Dec. 25.

Calif., Stockton—City Council improving portions of Lincoln St. between Church and Charter Way, 4,210 cu.yd. cut, 5,334 lin.ft. curb and gutter, 155,296 sq.ft. 2 in. asphaltic concrete on 2.5 in. concrete gravel and asphaltic concrete, 25,872 sq.ft. cement sidewalks, to J. E. Johnston, Savings & Loan Bank Bldg., $47,177. Noted Dec. 18.

Buildings—Industrial

PROPOSED WORK

Mass., Salem—Repair and Service Garage—J. J. Harrigan, Beverly St., plans in spring 2 story, 40 x 110 ft., rein.-con., and brick, Jefferson St. S. H. Hanning, 221 Essex St., archt.

Miss., Starkville—Plant—Borden Co., 510 North Dearborn St., Chicago, Ill., making preliminary plans concrete and brick plant, here. Private plans.

Tenn., Covington—Mill—O-Cedar Mills Co. plans 100 x 400 ft., steel and concrete addition. $85,000.

O., Cleveland—Factory—Teachuot Co., D. W. Teachout, pres., 321 Prospect Ave., plans 1 and 2 story, brick and steel factory, along tracks New York, Chicago & St. Louis R.R., near 116th St. $150,000. Engineer and architect not selected.

O., Cleveland—Plant—Union of Roumanian Societies Publishing Co., N. Bardes, pres., 5703 Detroit Ave., having preliminary plans prepared by W. J. Gabriel, 17436 Clifton Blvd., 3 story and basement, brick and steel addition. $60,000.

O., Cleveland—Factory—France Mfg. Co., L. E. France, pres., 10360 Berea Rd., had plans prepared by O. N. Chamberlin, 1222 West Clifton Blvd., 2 story and basement, 58 x 93 ft., brick, steel and timber, 10360 Berea Rd., $40,000.

O., Mingo Junction—Mill—Carnegie Steel Co., Steubenville, plans expansion of mill, also 7 new open hearth furnaces, Ohio River front, here. $5,500,000.

O., Sebring—Factory—Saxon China Co. plans 1 story 60 x 180 ft., brick, steel and concrete factory. $120,000.

Ill., Chicago—Factory—**A. J.** Caron, 1724 West Harrison St., having revised plans prepared by C. Hauber, 25 East Jackson Blvd., 1 story and half basement, 119 x 125 ft., rein.-con., brick and terra cotta, Potomac St. near Monticello St. $40,000.

Wis., Cedarburg—Plant—Owner, c/o T. F. Wittenberg and J. F. Nieman, Cedarburg, plans 3 story and basement, cold storage plant, brick and tile, plain foundation. $60,000. Engineer and architect not selected.

Wis., Jefferson Junction—Mill—Ladish Co., 105 Wells St., Milwaukee, plans rebuilding 3 story, brick, plain foundation, recently destroyed by fire. $50,000. Engineer and architect not selected.

Wis., Milwaukee — Foundry — Crucible Steel Casting Co., 612 Clinton St., c/o A. Lange, pres., plans brick and steel foundry, plain foundation also 2 story, brick pattern vault, 11th Ave. and railroad tracks. Engineer and architect not selected.

Wis., North Milwaukee—Plant—Christoffel Concrete Products Co., Route 2, North Milwaukee, plans rebuilding 2 story, approximately 60 x 200 ft., concrete block, plain foundation, Cedarburg Rd., recently destroyed by fire. $40,000. Engineer and architect not selected.

Ia., Council Bluffs—Plant—Daily Nonpareil having plans prepared by Anderson & Spooner, 27 South Main St., and takes bids about Feb. 1, 2 story and basement, 56 x 102 ft. newspaper plant, rein.-con. and brick. $70,000.

Ia., Marshalltown—Factory—C. A. Dunham Co., 809 East Main St., take bids about Jan. 20, 2 story, 50 x 150 ft., and 30 x 50 ft., brick and steel, East Main St. $75,000. H. E. Reimer, Kibbey Bldg., archt. Noted Aug. 7.

Minn., Albert Lea—Factory—C. D. Edwards Manufacturing Co., R. D. Edwards, secy., Albert Lea, having plans prepared by Gaarder & Gaarder, Albert Lea, 1 story, 80 x 200 ft., concrete, brick and tile factory. $50,000.

Tex., Ballinger — Plant — West Texas Utilities Co. plans ice plant, rein.-con., brick and concrete, 40 ton capacity, machinery for same. $70,000. Private plans.

Tex., Corpus Christi—Refinery—W. K. Campbell, Mid-Continent Bldg., Tulsa, Okla., making plans oil refinery, brick and concrete, here. $75,000. Private plans.

Tex., Corpus Christi—Plant—Gulf Coast Power Co. (Texas Central Power Co., owners), Frost Bldg., San Antonio, takes bids after Jan. 1, 60 x 80 ft. rein.-con. and steel, boiler house. $40,000.

Tex., Dallas—Plant—Dallas Milk Co., 3002 Ross St., had plans prepared by Flint & Broad, Andrews Bldg., 2 story and basement, 59 x 110 ft., Leonard St. between Flora and Julia Sts. $100,000.

Tex., Kerrville—Ice Plant—T. Lawson & Son, Eastland, plans converting roller mill into ice plant, with 60 ton capacity, brick and rein.-con. $70,000. Private plans.

Tex., San Antonio—Plant—Mission Ice Co., 212 Rivas St., having plans prepared by L. Harrington & Co., engrs., Houston Bldg., 1 story and part basement, 31 x 110 ft., brick, steel, rein.-con. and tile, Blanco and Fredericksburg Rds. $40,000.

Okla., Tulsa—Creamery—Central Milk Products Co., Chanute, Kan., plans rein.-con. plant, here. Engineer and architect not selected.

Calif., Los Angeles—Factory—Los Angeles Pressed Brick Co., Frost Bldg., 3 story (ultimately 5 story) and basement, and several 1 story, 200 x 200 ft. factory, Date St., to Macdonald & Kahn, 635 Spring St., $200,000.

Calif., Los Angeles—Plant—A. M. Castle & Co., 1132 Blackhawk St., Chicago, Ill., and 453 South Spring St., Los Angeles, has taken over plant of Little & Robertson Co., 37th and Alameda Sts., here, and plans additions. To exceed $40,000.

Calif., Oakland — Factory — California Towel Co., 976 28th St., having plans prepared by R. W. White (designer), 28th and Filbert Sts., 2 story, concrete factory, 976 28th St. $40,000 or more.

Calif., Stockton—Plant—J. E. Morgan, 1015 West Willow St., and J. R. Baker, 632 South Aurora St., interested in company which plans gunpowder plant. $100,000-$200,000.

Calif., Wilmington—Plant—Latin-Amer. Fruit & Steamship Co., Los Angeles, had sketches made by A. Kane, 1215 18th Hibernian Bldg., Los Angeles, cold storage plant, Wilmington St. To exceed $150,000.

Ont., Ft. William—Mill—Great Lakes Paper Co., having plans prepared concrete mill, 200 ton daily capacity. $1,500,000. Private plans.

Ont., Mitchell—Plant—Mitchell Mfg. Co., plans 1 story, 100 x 450 ft., concrete, brick and steel plant. $175,000. Private plans.

Ont., Orillia—Plant—Ditchburn Boats, Ltd., Gravenhurst, plans 2 story, 40 x 120 ft. plant, here. $100,000.

BIDS DESIRED

Ark., Walnut Ridge — Ice and Power Plant—Texas Central Power Co., Frost Bldg., San Antonio, Tex., taking bids two 40 x 60 ft., brick and rein.-con. buildings, here. $60,000. J. Marriott, Frost Bldg., San Antonio, Tex., archt.

CONTRACTS AWARDED

N. H., Swanzy—Plant—Leander Page, 1 and 2 story, 30 x 150 ft. dairy plant, to G. Scott, 28 Washington St., Keene. Archts. est. $40,000.

Mass., Norwood — Paint Shop — Bird & Son, East Walpole, 2 and 3 story and basement, rein.-con., shop, to Central Eng. & Constr. Co., 218 Main St., Pawtucket, R. I. Archts. est. $150,000. Noted Dec. 4.

Ala., Birmingham — Plant — Continental Gin Co., Title Guarantee Bldg., 1 story paint shop, 2 and 3 story warehouse, 150 x 400 ft. assembly house, 150 x 300 ft. woodworking mill, boiler house and dry kiln, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O., about $1,000,000.

O., Akron — Factory — Goodrich Tire & Rubber Co., East Market St., 1 story, 60 x 140 ft., brick, steel and concrete addition, South Main St., to Carmichael Constr. Co., 524 Central Savings & Trust Bldg. Archts. est. $60,000.

O., Cleveland—Factory—Fanner Mfg. Co., Brookside Park off West 25th St., 1 story, 60 x 70 ft., brick and steel, Brookside Park, to H. G. Slatmyer & Son Constr. Co., 218 Lakeside Ave., N. W. Archts. est. $40,000.

O., Cleveland — Factory — Telling-Belle Vernon Co., 3825 Cedar Ave., 1 story, 30 x 185 ft., brick, steel and concrete addition, to Uhl-Jaster Co., 1900 Euclid Bldg. Archts. est. $40,000.

O., Vermilion—Plant—Wakefield Brass Co., 1 story, 60 x 160 ft. plant, to Austin Co., 16112 Euclid Ave., Cleveland.

Wis., Green Bay—Shop—North West Engineering Wks., c/o L. H. Barkhausen, mgr., Pearl and Hocoard Sts., 1 story, 20 x 182 ft., rein.-con., steel and brick, plain foundation, to Ludolf Hansen Co., 113 West Walnut St., Green Bay. Archts. est. $50,000.

Wis., Neopit—Mill and Shop—E. A. Allen, supt. Menominee Indian Tribe, will build 2 story, 64 x 95 ft., rein.-con., plain foundation, recently destroyed by fire, by day labor. Private plans.

Kan., Wichita—Mill—Wichita Millwork Co., 900 East Gilbert St., will build 2 story and basement, 108 x 116 ft., brick and tile, North Washington St., by day labor. $40,000. Private plans.

Tex., Abilene—Plant—Independent Ice & Refrigerating Co., T. T. Harris, pres., will build rein.-con., brick and steel, plant, by day labor, 6th St. $75,000. Private plans.

Buildings—Commercial

PROPOSED WORK

N. H., Woodsville—Hotel, etc.—New Henderson Hotel Corp., plans new hotel, store and office building on site of old building, recently destroyed by fire. $150,000. Engineer and architect not selected.

Buildings—Commercial (Continued)

Massachusetts — School — State Dept. Educ., Boston, plans State Normal School between New Bedford and Fall River. To exceed $150,000. Engineer and architect not selected.

Mass., Amherst—Church—Congregational Church Society, having sketches made by K. S. Putman, 78 Main St., Northampton, 55 x 145 ft., limestone and granite, Pleasant St. To exceed $150,000.

Mass., Boston—Apartment—J. M. Burr, 31 State St., plans apartment, 248 Commonwealth Ave. $350,000. Engineer and architect not selected.

Mass., Chelsea—Club—Chelsea Council Knights of Columbus, Bway., having preliminary plans prepared by J. M. Gray Co., 175 High St., Boston, remodeling club 220 Bway., here. To exceed $150,000.

Mass., Boston—Community House—Boston Baptist Bethel City Mission Society, 525 Tremont Temple, raising $150,000 funds for community house, Green, Hale and Pitts Sts. Engineer and architect not selected.

Mass., Boston — Industrial — Commonwealth of Massachusetts, Dept. Correction, State House, S. Bates, comr., plan industrial building addition to Charleston State Prison. $430,000 appropriation asked. Engineer and architect not selected.

Mass., Boston—Garage—H. I. Shackley, c/o Mullhall & Holmes, archts., 33 Newbury St., having plans prepared 4 story, 70,000 sq.ft. floor space, rein.-con. and brick, 18-20 Deerfield St. $250,000.

Mass., Gardner — High School — Plans election $150,000 bonds for high school.

Mass., Hyannis—School—Bd. Educ. having preliminary sketches made by J. W. Beal Sons Co., 62 Summer St., Boston, 2 story school. $150,000.

Mass., Medford—Fire Station—Dept. Pub. Buildings, plans fire station, Fellsway West, Court St. and Riverside Ave., in Wellington Dist. $150,000. Engineer and architect not selected.

Mass., New Bedford—Theater and Store—Z. Ray, 1527 Acushnet Ave., had plans prepared by O. Crapo, 1428 Acushnet Ave., 2 story, 72 x 130 ft. theater, and 2 story 62 x 130 ft. office, brick and steel, Acushnet Ave. $250,000.

Mass., Quincy—Theatre—Northern Realty Co., c/o Tuck & Co., archts., 636 Warren St., Roxbury, making preliminary plans 1 story, brick and steel, plain foundation. $160,000.

Mass., Roxbury (Boston P. O.)—School—Roxbury Latin School Building Fund, 50 Congress St., Boston, raising $400,000 funds for new school, Kearsage Ave., here. Engineer and architect not selected.

Mass., Taunton—Home—Taunton Lodge of Elks, W. A. Lyons, chn. Building Com., plans new home. $150,000. Engineer and architect not selected.

R. I., Cranston—High School—City plans brick and steel high school. $400,000. Engineer and architect not selected.

R. I., Providence—High School—City plans 24 room, brick and steel addition to Commercial High School, Spring St. $300,000 appropriated. Engineer and architect not selected.

Conn., Hartford—Store and Office—Hudson Cloak & Suit Co., 845 Main St., plans 6 story, store and office building, Main and State Sts. $350,000.

N. Y., Athol Springs—High School and College—Corpus Christi Church, Clark St., Buffalo, plans high school and college, here. $250,000. Engineer and architect not announced.

N. Y., Brooklyn—Home—Brooklyn Assn. for Improving Condition of Poor, 104 Livingston St., having plans prepared by F. H. Quinby, 110 William St., New York City, 3 story, brick, steel and stone, plain foundation, 403 State St. $150,000.

N. Y., Buffalo — Clubhouse — Park Club, North Lincoln Blvd., plans clubhouse, Sheridan Dr. $400,000. Engineer and architect not announced.

N. Y., Kenmore — Bank — First Natl. Bank, M. D. Young, pres. plans bank, Delaware Ave. $300,000. Engineer and architects names withheld.

N. Y., New York—Apartment—One Thousand One Hundred and Seven, 5th Ave. Corp., c/o Rouse & Goldstone, archts., 512 5th Ave., having plans prepared 13 story, 108 x 109 ft., brick, steel and stone, plain foundation, 5th Ave. and 92nd St. $1,150,000.

N. Y., New York—Office—New York Central R.R., Grand Central Terminal, plans brick, steel and stone office, plain foundation, Lexington Ave. and 43rd St. $10,000,000. Cross & Cross, 385 Madison Ave., archts.

N. Y., New York—School—Mary Help of Christians Roman Catholic Church, c/o Salvati & La Quornick, archts., 371 Fulton St., Brooklyn, having plans prepared 4 story steel, brick and stone, plain foundation, East 11th St. near Ave. A. $175,000.

N. Y., Troy—Hotel—Community Hotel Corp. having plans prepared by C. L. Harding, archt. and engr., 729 15th St. N. W., Wash., D. C., 10 story, 140 x 210 ft., rein.-con., brick and steel, plain foundation, Bway. $800,000.

N. J., Atlantic City—Apartment—William Penn Apartment Corp., c/o Lippincott & Schaef, archts., 11 South 16th St., Phila., Pa., having plans prepared 5 story and basement, 49 x 140 ft., brick and steel apartment. $400,000.

N. J., Atlantic City—School—Bd. Educ. having plans prepared by H. A. Stout, Guaranty Trust Bldg., school at New Jersey and Artic Aves. $600,000.

N. J., Riverside — School — Bd. Educ. plans 14 room addition to Washington School. $172,000. Engineer and architect not selected.

Pa., Allentown—School—Bd. Educ. having revised plans prepared by E. N. Pickin, Hunsicker Bldg., 2 story and basement, 100 x 270 ft. and 50 x 100 ft. addition to Roosevelt School. Former bids rejected. Noted Nov. 27.

Pa., Phila.—Shop—F. A. North Co., 1306 Chestnut St., having preliminary plans prepared by A. W. Barnes, Perry Bldg., 5 story and basement, 28 x 178 ft., rein.-con., brick, plain foundation, 1529 Parrish St. $175,000.

Pa., Phila.—Store and Apartment—W. Freihoper, 20th and Indiana Sts., having plans prepared by Murphy & Talley, Drexel Bldg., 4 story and basement, 185 x 242 ft., brick and steel, plain foundation, Frankford Ave. and Foulkrod St.

Pa., Taylor — High School — Bd. Educ. having plans prepared by J. J. Hawley, Traders Bank Bldg., Scranton, 2 story and basement, 123 x 150 ft., brick, plain foundation.

Md., Baltimore—Church—Holy Rosary (Polish) Roman Catholic Church, S. Wachowiak, pastor, 1634 Eastern Ave., having plans prepared by F. J. Baldwin, archt., 328 North Charles St., 1 story and basement, stone, plain foundation, Eastern Ave. and Bethel St. $150,000.

Md., Baltimore — Church — St. Casimir Roman Catholic Church, B. Przemielewski, pastor, Lakewood Ave. and O'Donnell St., having plans prepared by E. L. Palmer, 513 North Charles St., 1 story stone, plain foundation, Lakewood Ave. and O'Donnell Sts. $150,000.

Md., Baltimore—School—Mayor and City Council, City Hall, having plans prepared by W. F. Stone, Jr., Munsey Bldg., 3 story brick, plain foundation, Edmondson Ave. near Collins Ave. $165,000. Engineer not selected.

Md., Curtis Bay (Baltimore, P. O.)—School—Mayor and City Council, City Hall, having plans prepared by R. L. Harris, 13 West Saratoga St., 2 or 3 story, 65x75 ft., brick and plain foundation, West Ave. and Arlington St. $200,000. Engineer not selected.

Tenn., Jackson—Fraternal and Office—F. & A. M. Masonic Lodge plans lodge and office building. $250,000.

Tenn., Knoxville — Schools — Election in spring or summer $1,500,000 bonds for schools.

Tenn., Memphis — College — Medical & Dental Dept., University of Tennessee, Knoxville, H. A. Morgan, pres., plans additional buildings, incl. laboratories, etc., here. $300,000. A. Peay, Nashville, gov.

Tenn., Memphis—Chemistry, Hall, etc.—University of Tennessee, Knoxville, purchased 690 acre site, here, and having plans prepared by Jones & Furbringer, Porter Bldg., chemistry, anatomy, hall, power house, green house, etc.

O., Canton — Hotel — L. Rodgers & Co., Clark Bldg., plans 14 story and basement, 66x200 ft., 3rd and Cleveland Aves., N. W. $2,000,000.

O., Canton—School—Stark Co. Bd. Educ. takes bids after Jan. 1, 1 story and basement, Fulton Rd. in New Avondale allotment. $150,000. C. Tirestone, Renkert Bldg., archt.

O., Cleveland — Apartment — I. Koslen, 1692 Coventry Rd., Cleveland Heights, having preliminary plans prepared by A. W. Harris, Discount Bldg., 3 story, 60 x 140 ft., brick and timber, Ludlow Rd. $150,000.

O., Cleveland—Auto Sales and Offices—W. S. Ferguson Co., archts., 1900 Euclid Bldg., soon takes bids 10 story, 135 x 220 ft., brick, steel and concrete, Euclid Ave., for Motors Realty Co., G. G. Peckham [illegible], 1903 East 19th St. $1,500,000.

O., Cleveland—Church—Grace Lutheran Church, H. W. Bartels, 1879 East 66th St., plans 1 story, brick and steel, on 150 x 220 ft. site, Superior and Hampstead Rds. $70,000. Engineer and architect not selected.

O., Cleveland—School—St. Colman's Roman Catholic Church, C. A. Martin, pastor, 2017 West 65th St., having plans prepared by F. C. Warner, Hippodrome Bldg., 2 story and basement, 60 x 140 ft., brick and steel, West 65th St., $150,000.

O., Cleveland — Stores, Apartment and Garage—M. Becker, 12701 Kinsman Rd., having plans prepared by M. Altschuld, 5116 Woodland Ave., 1 and 2 story, 86 x 200 ft., brick and timber, 12701 Kinsman Rd. $150,000.

O., Cleveland—Store and Apartment—C. C. Goldman, Engineers Bldg., plans 3 story, brick, on 150 x 700 ft. site, Mayfield Rd. $250,000. Engineer and architect not selected.

O., Cleveland—Theatre—F. S. Jones, 820 Guardian Bldg., plans 1 story, brick, steel and concrete, Superior and Euclid Aves., $150,000. Engineer and architect not selected.

O., Cleveland Heights (Warrensville P. O.)—Commercial, Apartment and Garage—Syndicate, c/o C. D. Simmons, Fidelity Mortgage Bldg., Cleveland, plans 1 and 2 story, 116 x 220 ft., brick, Cedar Rd., here. $150,000. Engineer and architect not selected.

O., Dayton—Office—United Real Estate Development Co., M. L. Simons, pres., 1528 North Euclid Ave., plans 8 to 10 story and basement, 68 x 72 ft., rein.-con. and brick, plain foundation, West 2nd St. $800,000. Engineer and architect not selected.

O., Lakewood (Cleveland P. O.)—Commercial and Apartment—J. W. Thompson, 318 Chester-Twelfth Bldg., Cleveland, had plans prepared by W. S. Ferguson Co., 1900 Euclid Bldg., Cleveland, 2 and 3 story, 50 x 110 ft., and 60 x 82 ft., brick, Lakeland Ave., here. $150,000.

O., New Lexington—High School—City plans to sell $240,000 bonds Jan. 5, for 2 story and basement, 150 x 180 ft., brick high school, for New Lexington Village School Dist.

Mo., Trenton—Hotel—Trenton Hotel Co. had plans prepared by R. H. Sanneman, 517 Lee Bldg., Kansas City, and soon takes bids 4 story and basement, 81 x 89 ft., brick, steel and stone. $150,000.

Ill., Berwyn—Theatre, Office and Store—Biba Bros. take bids about Jan. 5, 3 story and basement, 125 x 140 ft., rein.-con., brick and stone, Roosevelt and Cuyler Aves. $300,000. Hooper & Janusch, Inc., 879 North State St., Chicago, archts. This corrects report in Dec. 25 issue.

Ill., Chicago—Apartment and Store—A. H. R. Atwood, c/o A. V. Capraro, archt., 64 West Randolph St., having plans prepared 3 story and basement, 98 x 125 ft., brick and stone, plain foundation, Washington and Laramie Sts. $150,000.

Ill., Chicago — Furniture Store — Amer. Furniture Mart Building Corp., 666 Lake Shore Dr., having plans prepared by N. M. Dunning, 310 South Wabash Ave., 16 story and basement, rein.-con., brick, steel and stone, caisson foundation, Erie St. and McClurg Court. $2,500,000.

Ill., Chicago—Garage—Porter Estate, c/o H. N. Rose, 38 South Dearborn St., having plans prepared by Foltz & Brand, 510 North Dearborn St., 7 story and basement, 48 x 154 ft., rein.-con., brick, steel and terra cotta, plain foundation, 606 South Wabash Ave. $200,000.

Ill., Chicago—Hall, Terminal, Hotel, etc.—Group Business Men., F. D. Lowden (Ex. Governor), secy., and Illinois Central R.R. Co., 135 East 11th Pl., F. L. Thompson, ch. engr., having sketches made by Anderson, Graham, Probst & White, archts. and engrs., 80 East Jackson Blvd., group of buildings, incl. convention hall, 20,000 seating capacity, 3,500 room hotel, railroad terminal, etc., rein.-con., brick, steel and stone, concrete and caisson foundations, Michigan Ave. and River St. $30,000,000.

Ill., Chicago—Schools—Bd. Educ., c/o J. Byrnes, business mgr., 650 South Clark St., having plans prepared by T. C. Christensen, 650 South Clark St., three 2 story and part basement, rein.-con., brick, timber and stone, plain foundations, 1 on Balmoral and Linden Sts., 1 on Bryn Mawr and Kimball Sts., and other on 65th and Sacramento Sts. $550,000 each.

Ill., Evanston—Soriority Houses—Northwestern University, W. A. Dycke, bus. mgr., having plans prepared by Lowe & Bollen-

Buildings—Commercial (Continued)

Archer, 108 South La Salle St., Chicago, seven 2 story and basement, brick and stone soriority houses, plain foundations, on campus. $75,000 each.

Ill., Peoria — Hospital — Methodist Hospital of Central Illinois, 221 North Glen Oak Ave., takes bids about Mar. 1, 6 story and basement, 80 x 130 ft., concrete, brick and stone hospital. $350,000. B. L. Hulsebus, 1232 Jefferson Bldg., archt.

Wis., Antigo—Hotel—S. J. McMahon, 425 East Water St., Milwaukee, had plans prepared by Smith & Brandt, Dempsey Blk., Manitowoc, and soon takes bids 3 story and basement, 77 x 138 ft., brick and concrete addition, to Butterfield Hotel, plain foundation. $200,000. Noted May 1.

Wis., Beloit — School — Bd. Vocational Educ., c/o A. J. McCreary, dir., having plans prepared by Merman & Skogstad, La Crosse, 2 and 1 story, 155 x 160 ft., rein.-con., brick and steel, plain foundation. $160,000.

Wis., Milwaukee—Apartment—S. Ettenkeim & Sons, 209 Grand Ave., plans 6 story and basement, brick and concrete, plain foundation, Prospect Ave. $200,000. Engineer and architect not selected.

Wis., Milwaukee—Apartment—Park Investment Co., c/o M. G. Peters, 765 Sherman Blvd., plans 3 story and basement, brick and tile, plain foundation, Lisbon Ave. $150,000. Engineer and architect not selected.

Wis., Milwaukee—Theater and Business—R. Williamson & Co., archts., 405 Bway., preparing plans 2 story and basement, 160 x 182 ft., brick and concrete, Kinnickinnic Ave. $350,000. Owners name witheld.

Ia., Cedar Rapids—High Schools—Bd. Educ., 705 1st Ave., C. D. Hedberg, secy., plans two 3 story and basement schools. $500,000 each.

Ia., Creston—High School—Voted $275,000 bonds for high school. Engineer and architect not selected. Noted Dec. 11.

Ia., Des Moines — Lodge — Des Moines Consistory 3, Masonic Temple Bldg., purchased site and having plans prepared by Keffer & Jones, 204 Masonic Temple Bldg., lodge, 6th Ave. and Park St. To exceed $1,000,000. R. M. J. Coleman, secy.

Ia., Iowa City—Medical—State Bd. Educ., W. H. Gemmill, secy., State Capitol, Des Moines, takes bids in January, for Rockefeller Medical Building addition, University Campus, here. $600,000. Proudfoot, Bird & Rawson, 810 Hubbell Bldg., Des Moines, archts.

Ia., Waterloo—Court House—Hand Co. had plans prepared by J. G. Ralston, 10th floor, L. & J. Bldg., 3 story and basement, 70 x 100 ft., stone court house. $200,000.

Minn., Edina (Minneapolis P. O.)—School—Voted $148,000 bonds for 2 story and basement, rein.-con., brick, tile and stone, for Industrial School Dist. 17. Sund & Dunham, 512 Essex Bldg., Minneapolis, archts. Archts. est. $150,000.

Minn., Minneapolis — Office — S. T. McKnight Co., 1236 McKnight Bldg., plans 3 story and basement, 66x100 ft., rein-con., brick, tile and stone addition, 5th St. and 2nd Ave. $150,000. Engineer and architect not announced.

Kan., Dodge City—Hospital—Protestant Hospital Bd., Dodge City, take bids in February, 3 story and basement, concrete, brick and stone, hospital. $150,000. Mann & Co., 722 Rorabaugh-Wiley Bldg., Hutchinson, archts.

Kan. Fort Scott — School — Election in April $200,000 bonds for 3 story, brick and concrete school. C. A. Smith, 4140 Harrison St., Kansas City, Mo., archt.

Neb., Omaha—Community—Knights of Columbus, c/o W. C. Fraser, Knights of Columbus Hall, having plans prepared by L. A. Daly, 622 Peters Trust Bldg., community building, 20th and Dodge Sts. Noted May 15.

Neb., York—School—Election Dec. 27, $220,000 bonds for school. C. Hadley, secy. Bd. Educ.

S. D., Miller—Court House—Hand Co. plans 3 story and basement, 70 x 100 ft., rein.-con., brick and stone. $175,000. J. G. Ralston, Waterloo, archt.

Mo., Clayton—Courthouse and Jail—St. Louis Co., c/o County Clerk, making preliminary plans 3 story and basement, rein.-con., brick, stone and terra cotta, Courthouse Sq. Election in spring. $1,500,000 bonds for same.

Mo., Clayton — Hospital — St. Louis Co. having preliminary plans prepared 3 story and basement, rein.-con., brick and stone, hospital, sanitarium and infirmary. Election in spring $1,000,000 bonds for same. Engineer and architect not announced.

Mo., Independence—Memorial City having plans prepared by G. B. Post & Son, 1003 Pioneer Bldg., Kansas City, memorial building. $150,000. Noted Aug. 14.

Mo., Kansas City—Lodge—Gate City Lodge 552, A. F. & A. M., having plans prepared by R. Gornall, New York Life Insurance Co. Bldg., 7 story and basement, 100 x 120 ft., rein.-con., brick and stone. $300,000.

Mo., Liberty—Gymnasium—W. Jewell College plans gymnasium. $150,000. H. C. Wayman, pres. Engineer and architect not selected.

Mo., St. Louis—Commercial—Wholesale Florists Realty Co., c/o J. S. Carter, Rialto Bldg., making preliminary plans 2 story and basement, 200 x 270 ft., rein.-con., brick and stone, 21st and Armstrong Sts. $300,000. Private plans.

Mo., St. Louis—Garage, etc.—J. F. McDermott, Central Natl. Bank Bldg., making preliminary plans 3 story and basement, 80 x 190 ft., brick, concrete and stone, garage, store and apartment building, Hodiamont and Gambleton Aves. Private plans.

Mo., Springfield—Theatre—F. E. Headley, 1325 East Walnut St., having preliminary plans prepared by E. Hawkins & Co., 400 McDaniel Bldg., rein.-con., brick and stone, 2,000 seating capacity, St. Louis St. $250,000.

Mo., St. Louis—Theater, etc.—Local Syndicate, c/o G. Endler Realty Co., Natl. Bank Commerce Bldg., plans 3 story and basement, 147 x 200 ft., rein.-con., stone, brick and terra cotta, Easton St. and Hamilton Ave. $800,000.

Mo., St. Louis—Union Hall, etc.—Carpenters Dist. Council, 3024 Olive St., soon takes bids 2 story and basement, 120 x 125 ft., brick, concrete and stone, Grand Blvd. $200,000. P. J. Bradshaw, International Life Bldg., archt.

Best wishes for a very happy and prosperous New Year. I believe 1925 will see a big building revival in this territory.

S. R. Forkner,
Construction News Correspondent,
Anderson, Ind.

Mo., St. Louis—Y. M. C. A., c/o B. W. Moser, 6186 McPherson St., soon takes bids 10 story and basement, 137 x 155 ft., brick, stone and rein.-con., Locust Blvd. $1,450,000. Noted June 12.

Okla., Sapulpa — Civic and American Legion Hall—Defeated $150,000 bonds for American Legion and Convention Hall. Project dropped. Noted Dec. 4.

Colo., Denver—Store—Darrow Music Co., 15th and Stout Sts., having plans prepared by H. W. J. Edebrooke, Tabor Opera House Blk., 6 story, 50x125 ft., rein.-con. and brick, plain foundation, Stout St. between 15th and 16th Sts. $250,000.

Okla., Norman—Church and Rectory—Episcopal Church of Oklahoma takes bids about March 1, 2 story and basement, 80 x 135 ft., brick, plain foundation, Linn and Ash Sts. $155,000. Bailey & Alden, 1207 Colcord Bldg., Oklahoma City, archts.

Okla., Okemah—High School—Bd. Educ. having preliminary plans prepared 2 story and basement, 112 x 168 ft., rein.-con. and brick, plain foundation, 5th St., $175,000 bond election soon. Engineer and architect not selected.

Okla., Oklahoma City — Store — Gloyd-Halliburton Co., 327 West Main St., making preliminary plans 8 story and basement, 75 x 140 ft., rein.-con. and brick addition, plain foundation, Main St. $225,000. Engineer and architect not selected.

Tex., Austin—Recitation—University of Texas, c/o E. J. Mathews, secy. Bd. Regents, having final plans prepared by H. M. Greene Co., North Texas Bldg., Dallas, 3 story and basement, 83 x 154 ft., rein.-con., brick and stone, campus. $350,000. Noted Aug. 14.

Tex., Bryan—Club House—Shriners of Texas making preliminary plans 2 story and basement, brick, stone and rein.-con., near A. & M. College campus. $150,000 funds being raised. Engineer and architect not selected.

Tex., Corpus Christi—Office and Bank—City Natl. Bank Bldg., takes bids after Jan. 1, 6 story and part basement, brick and stone addition, plain foundation. $150,000. R. H. Cameron, 1116 City Natl. Bank Bldg., San Antonio, archt. Noted Nov. 20.

Tex., El Paso — Synagogue — Jewish Church, J. M. Roth, rabbi, plans 2 story and basement, rein.-con., and brick. $150,000. Engineer and architect not selected.

Tex., Harlingen—Club—Arroyo Country Club, Harlingen, having preliminary plans prepared 3 story and part basement, country club, incl. hotel, 18 hole golf course, locker house and lounge, near here. Engineer and architect not selected. $200,000.

Tex., Houston—Apartment—J. M. Grover, Houston, had plans prepared by G. B. Post & Son, 1003 Pioneer Trust Bldg., Kansas City, Mo., 5 story and basement, 125 x 192 ft., rein.-con., tile and stucco. $500,000.

Tex., Lubbock—Hotel—Sanguinet Staats & Hedrick, archt. 1st Natl. Bank Bldg., Ft. Worth, making plans 6 story and basement, hotel, for Chamber of Commerce Stock Co. $300,000.

Tex., San Angelo—Hotel—St. Angelus Hotel having plans prepared by R. E. Lane, Waco, 7 story and basement, part brick and stone, plain foundation.

Tex., San Antonio—Fair Buildings—International Fair Assn., Des Moines, Ia., having plans prepared by R. J. Pearse, 1621 9th St., Des Moines, Ia., two fair buildings, brick, tile and frame, south side. $300,000.

Tex., San Antonio—Home—Protestants Orphans Home, 802 Kentucky Ave., takes bids after March 1, 3 story and part basement, brick and stone, plain foundation, Bandera Rd. and Woodlawn Ave. $250,000. Adams & Adams, Gibbs Bldg., archts. Noted Jan. 24.

Tex., San Antonio—Hospital—Crippled Children's Hospital, c/o Santa Rosa Hospital, 745 West Houston St., having preliminary plans prepared 4 story and part basement, part brick and stone, plain foundation addition. $150,000. Engineer and architect not selected.

Tex., San Antonio—Hotel—San Antonio Turnverein Society, Houston and Nacogdoches Sts., having plans prepared by L. Harrington & Co., engrs. and archts., Houston Bldg., 10 story and basement, 60 x 110 ft., brick and stone, plain foundation. $650,000.

Tex., San Antonio — Office — Central Impvt. Co., c/o Travis Bldg., having plans prepared by H. S. Green, Alamo Natl. Bank Bldg., 15 story and basement, 80 x 110 ft., rein.-con., part brick and stone, plain foundation, Commerce and Navarro Sts. $975,000.

Tex., San Antonio—Theatre and Club—San Antonio Turnverein Society, Houston and Nacogdoches Sts., having plans prepared by L. Harrington & Co., engrs. and archts., Houston Bldg., 4 story and basement, 60 x 90 ft., brick and stone, plain foundation. $350,000.

Tex., Waco—College—Lutheran Church, St. Louis, Mo., plans college here. Engineer and architect not selected.

Calif., Glendale—Club—Y. M. C. A. having plans prepared by Rogers & Stevenson, 402 Braley Bldg., Pasadena, 3 story, 100 x 150 ft. fireproof building.

Calif., Long Beach—Store—J. V. Moore, c/o H. L. Gogerty, archt., Marine Bank Bldg., having plans prepared 4 story and basement, 50 x 100 ft., brick and steel, East 4th St.

Calif., Los Angeles—Bank and Office—Pacific Natl. Bank, having plans prepared by Morgan, Walls & Morgan, 1124 Van Nuys Bldg., 12 story and basement, 95 x 166 ft., rein.-con., brick, steel, tile and marble, 9th and Hill Sts. To exceed $150,000.

Calif., Los Angeles—Commercial—University of Southern California, having plans prepared by J. and D. Parkinson, Title Insurance Bldg., 3 story and basement, 120 x 120 ft., brick, campus.

Calif., Los Angeles—Garage, Office and Store—P. R. Meyer, c/o Morgan, Walls & Clements, archts., Van Nuys Bldg., having plans prepared 1 and 2 story, 200 x 200 ft., brick, Western Ave.

Calif., Los Angeles—School—Bd. Educ. having plans prepared by H. Hewitt, 110 West 11th St., 2 story and basement, brick, Gulf Ave. $150,000.

Calif., Los Angeles—Warehouse and Loft—Italian Vineyard Co., 1234 Palmetto St., having plans prepared by Morgan, Walls & Clements, 1124 Van Nuys Bldg., general construction 12 story, 60 x 140 ft., rein.-con., plain foundation, 11th and Los Angeles Sts. To exceed $150,000.

Calif., Los Angeles—Warehouse—Italian Vineyard Co., 1234 Palmetto St., having plans prepared by Morgan, Walls & Clements, Van Nuys Bldg., 1 story, 182x312 ft., rein.-con., Macy St. $165,000 or more.

Calif., Los Angeles — Warehouse — Richards Trucking & Warehouse Co., 668 South Alameda St., having plans prepared by S. Runford & A. Brandner, 1017 Lincoln Bldg., 4 story (ultimately 8 story) and basement, 88 x 150 ft., rein.-con., Industrial and Alameda Sts. To exceed $150,000.

Buildings—Commercial (Continued)

Calif., Monterey—Theater and Store—Monterey Theaters Co., M. Jorgenson, archt., 110 Sutter St., San Francisco, having plans prepared brick and timber theater and store building. $150,000.

Calif., Oakland—Apartment—L. B. Hoge, 453 Lagunitas Ave., making preliminary plans apartment on Lakeshore Ave. $150,000. Engineer and architect not selected.

Calif., Oakland—Dormitory—Mills College, Oakland, having preliminary plans prepared by W. A. Ratcliff, Jr., Mercantile Trust Bldg., Berkeley, 2 or 3 story and basement, stucco and timber, on campus. $150,000.

Calif., Oakland—Museum—H. A. Snow, A. R. Breed, et al., c/o M. I. Diggs, archt., 19th and Telegraph Aves., having preliminary plans prepared 2 story, rein.-con., 19th and Alice Sts.

Calif., Oakland—Theatre—West Coast Theatres, Knickerbocker Bldg., Los Angeles, having plans prepared by Reid Bros., 105 Montgomery St., motion picture theatre, Fruitvale Ave. (Diamond Dist.). $150,000.

Calif., Palo Alto—Jail and Fire House—City plans jail and fire house. To exceed $150,000 and funds will probably be raised by bond issue.

Calif., Pasadena — Exchange — Southern California Telephone Co., 740 South Olive St., Los Angeles, having plans prepared by J. and D. Parkinson, Title Insurance Bldg., Los Angeles, 3 story (ultimately 7 story) and basement, 80 x 150 ft., brick and steel exchange.

Calif., Pinedale—Administration, etc.—Sugar Pine Lumber Co., 1201 Harrison St., San Francisco, plans 125 x 142 ft., administration building and enlarging mill pond from 15 acres to 20 acres. $250,000 appropriated.

Calif., San Diego—Exchange—Southern California Telephone Co., 740 South Olive St., Los Angeles, having plans prepared by J. and D. Parkinson, Title Insurance Bldg., Los Angeles, 3 story (ultimately 14 story) and basement, 100 x 100 ft., rein.-con., brick and steel exchange, here.

Calif., San Francisco—Lodge—Foresters of America, M. Raphael, interested, c/o City Tax Collectors Office, plans state headquarters. $150,000. Engineer and architect not selected.

Calif., Santa Paula — School — Voted $250,000 bonds for grammar schools. Noted Nov. 27.

Calif., Vallejo—City Hall, etc.—City plans fireproof city hall, jail and firehouse. $175,000 will probably be voted to finance construction. Engineer and architect not selected.

Que., Chicoutimi — Court House — Dept. Pub. Wks., Quebec, having plans prepared by G. St. Michel, Quebec, 2 story, 80 x 100 ft., stone courthouse. $200,000.

Que., St. Constant — Church — Roman Catholic Church plans new church. $200,000. Engineer and architects' names withheld.

B. C., Vancouver—Hospital—City Council having plans prepared and takes bids about Mar. 1, 3 story, rein.-con. isolation hospital. $250,000. A. J. Bird, city building inspector.

B. C., Vancouver—Schools—Bd. School Trustees, Hamilton St., having plans prepared by F. A. A. Barrs, School Bd. Offices, and takes bids probably in February, 3 story, 12 room, rein.-con., brick and tile additions to 3 schools. $300,000.

BIDS DESIRED

Me., Biddeford—School—Bd. Educ. taking bids 3 story and basement, brick and stone, plain foundation. To extend $150,000. Krokyn and Browne, 220 Devonshire St., Boston, archts.

Mass., Cambridge (Boston P. O.)—Theatre—W. Tufts, c/o Tuck & Co., archts., 636 Warren St., Roxbury, taking bids 1 story, 80 x 150 ft., brick and steel, plain foundation. $150,000. Noted Dec. 11.

Mass., Fall River—Store Modern Furniture Co., 1288 Pleasant St., taking bids 3 story, 55 x 125 ft., brick, concrete foundation. Pleasant St. $175,000. E. M. Corbett, 70 Bedford St., archt.

N. J., Atlantic City—Assembly Hall—Jan. 3, by Carrere & Hastings, archts., 52 Vanderbilt Ave., New York City, 2 story and basement, 72 x 149 ft., brick and steel, plain foundation, for Hotel Chelsea, here. $150,000.

N. J., Atlantic City—Hotel—Jan. 10, by Maynicke & Franke, archts., 25 East 26th St., New York City, 20 story, 220 x 327 ft., rein.-con., brick and steel, Boardwalk, Providence and Boston Aves., here, for Benjamin Franklin Hotel Co., c/o architects. Noted Dec. 18.

Ill., Chicago—Apartment—T. R. Bishop, archt., 35 South Dearborn St., taking bids 5 story and basement, 60 x 150 ft., rein.-con., brick and terra cotta, plain foundation, Division and Dearborn Sts., for S. H. Newman, 11 South La Salle St. $400,000.

Ore., Portland—Cathedral—Jan. 15, by Jacobberger & Smith, archts., Ry. Exch. Bldg., 116 x 187 ft., stone, steel and concrete, plain foundation, 17th, 18th Court and Davis Sts., for Catholic Church. $200,000. Noted Oct. 9.

Calif., Los Angeles — Apartment — G. Kraus, 2047 West 28th St., taking bids 4 story and basement, brick and concrete, Orange Dr. $150,000. E. M. Erdaly, 2096 West 28th St., designer.

Calif., Los Angeles—Theater, Office, etc.—West Coast Theaters, Inc., Knickerbocker Bldg., taking bids general construction 2 story, 143 x 191 ft., concrete, tile, and art stone, Manchester Ave. $200,000. L. A. Smith, Lilly-Fletcher Bldg., archt. Noted Oct. 9.

Calif., Santa Barbara — Lodge — C. Werner, archt., Santa Fe Bldg., San Francisco, taking bids 2 story and basement, brick, for Santa Barbara Lodge B. P. O. E. $250,000.

Calif., Santa Monica—Church—A. C. Martin, archt., Higgins Bldg., Los Angeles, taking bids brick church, here, for Santa Monicas Catholic Church, N. Conneally, pastor, 8th St. $200,000. Noted Dec. 25.

BIDS RECEIVED

N. Y., New York—School—W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 81, Riverdale Ave. between 255th and 256th Sts., Bronx Boro, for Bd. Educ., 500 Park Ave., from Psaty & Fuhrman, 501 East 161st St., $295,000, heating and ventilating apparatus, from J. H. Goldblatt, 345 Madison Ave., $44,364. Noted Dec. 18.

N. J., Delanco—School—Beverley Twp. Bd. Educ., 1 story and basement, 103 x 239 ft. and 67 x 76 ft., brick and steel, plain foundation, general contract from J. E. Kalster, Beverly, $94,500. Noted Dec. 18.

CONTRACTS AWARDED

Mass., Boston—Office—Northern Realty Co., J. C. Kiley, 18 Tremont St., 5 story, rein.-con., brick and stone, plain foundation, 198-304 Cambridge St., to W. F. Conton & Sons, 82 Charles St. Archts. est. $150,000. Noted Dec. 25.

Mass., Charlestown (Boston P. O.)—Army and Navy Y. M. C. A., F. W. Teague, secy., City Sq., 4 story and basement, 70 x 105 ft., brick, granite and cast stone addition, to W. A. and H. A. Root, Inc., Park Sq. Bldg., Boston. Archts. est. $200,000. Noted Nov. 20.

N. Y., Brooklyn—Police Station—Police Dept., Municipal Bldg., New York, 92 Police Precinct Station House, Bergen St. and 6th Ave., here, to G. F. Driscoll Co., 548 Union St. $475,000. Noted Dec. 18.

N. Y., Buffalo—School—Bd. Educ., 1400 Telephone Bldg., 3 story and basement, 200x200 ft., rein.-con., brick and steel, East Delaware Ave., to R. E. Williams, Jackson Bldg., $385,658. Noted Dec. 4.

N. J., Newark—Warehouse—L. Bamberger & Co., Market St., 5 story, rein.-con., brick and steel, Plain St., to Turner Constr. Co., 244 Madison Ave., New York City. Archts. est. $1,000,000.

Pa., Phila.—High School—Bd. Educ., 19th and Chestnut Sts., general contract 5 story and basement, 222 x 317 ft., rein.-con. and brick, plain foundation, 59th and Lancaster Sts., to Cramp Co., Denckla Bldg., $1,766,345; plumbing, to W. Ambrose, Leverington and Umbria Sts., $89,359; heating, to S. Farth & Son, 2427 Penna. Ave., $206,000; electric, to Ross Electric Co., Beach & Brown Sts., $105,000. Noted Dec. 25.

Pa., Wilkes Barre—School—Wilkes Barre Institute, general contract 3 story and basement, brick, concrete and stone to Murch Bros., Exch. Bldg., St. Louis, Mo., $265,000. Noted Dec. 11.

Md., Baltimore—School—Mayor and City Council, City Hall, 3 story and basement, 54 x 115 ft., brick addition, plain foundation, Pimlico Rd. and Thorndale Ave., to C. L. Stockhausen Co., Gay and Water Sts., $244,948. Noted Dec. 11.

Ala., Birmingham—Hotel—Tutwiler Hotel, 2000 5th Ave., R. Jemison, Jr., agt., 120 room hotel addition, to Southern Ferro Concrete Co., 50 East Ellis St., Atlanta Ga. Archts. est. $300,000.

O., Akron — Theatre and Commercial — Akron Enterprises Co., 1 and 2 story, 130 x 132 ft., brick, steel and concrete, Main St., to Carmichael Constr. Co., 524 Central Savings & Trust Bldg. Archts. est. $400,000.

B. F. Keith Amusement Co., 1564 B[illegible], New York City, lessee.

Ill., Chicago—Hotel—Randolph Hotel Co., c/o Eitel Bros., 171 West Rand St., 18 story, brick, steel and stone, plain foundation, Randolph St. between La Salle and [illegible] Sts., to Hegeman-Harris Co., Inc., 360 Madison Ave., New York City. Archts. est. $6,000,000.

Ill., Joliet—Hotel—L. J. Crowley, Joliet Natl. Bank Bldg., general contract 7 story and basement, 75 x 100 ft., concrete, brick, stone and steel, to Kaiser-Ducett Co., Joliet Natl. Bank Bldg. Archts. est. $[illegible],000. Noted Dec. 11.

Wis., Madison—Garage—Madison Motor Car Co., c/o F. Wooton, pres., 325 West Gorham St., 3 story 60 x 210 ft., brick, steel and rein.-con., plain foundation, to G. C. Cnare & Son, 2000 Jeniper St. Archts. est. $150,000. Noted Dec. 11.

Wis., Milwaukee — Apartment — W. F. Neumann, archt., 114 Grand Ave., 3 story and basement, 94 x 103 ft., brick, plain foundation, 17th St., to E. Steigerwald & Sons, 2303 Galena St. Archts. est. $150,000. Owner's name withheld.

Wis., Milwaukee — Store, Office and Garage—Peacock & Frank, archts., 445 Milwaukee St., 3 story and basement, 100 x 120 ft., brick and steel, plain foundation, Jackson St., to Bentley Bros., 808 South Pierce St. Archts. est. $175,000. Owner's name withheld.

Mo., Columbia—Library—University of Missouri, general contract 3 story and basement, rein.-con., brick and stone, to J. J. Wuellner & Son, Alton, Ill., $112,784. Noted Dec. 4.

Mo., Kansas City—Exchange—Kansas City Telephone Co., 3 story and basement, 115 x 115 ft., telephone exchange, to Miller-Stauch Constr. Co., 228 Railway Exch. Bldg. Archts. est. $225,000.

Mo., St. Louis—Apartment—May Building & Investment Co., 810 Chestnut St., will build 3 story and basement, 76 x 149 ft., brick, concrete and stone, Cabanne and Goodfellow Sts., by day labor. O. J. Popp, Arcade Bldg., archt.

Mo., St. Louis—Apartment—Trade Realty & Building Co., 111 North 7th St., will build 2 story and basement, two wings each 37 x 348 ft., rein.-con., brick and stone, 39th and Magnolia Ave., by day labor. W. B. Howard, International Life Bldg., archt.

Tex., Houston—Auditorium—O. F. Holcomb, mayor, and A. C. Finn, archt., Bankers Mortgage Bldg., remodeling and constructing rein.-con., brick and steel addition, plain foundation, Main St., to Hubbard & Parker, Bankers Mortgage Bldg., $300,000 plus percentage basis. Noted Dec. 18.

Okla., Tulsa—Hotel—H. B. Craigo, c/o Dinsmore Hotel, will remodel and construct 2 story, 70 x 135 ft., rein.-con., brick and stone addition, by day labor, $150,000. N. B. Fleming, 504 Bliss Blvd., archt.

Wash., Tacoma — School — Bd. Educ., 2 story, rein-con. school, to Wallin & Bachelor, Tacoma, $239,920. Noted Dec. 18.

Calif., San Francisco—School—Bd. Pub. Wks., general contract Alamo School, 2 story and basement, rein.-con. and brick, 23rd St., to J. L. McLaughlin, 251 Kearney St., San Francisco, for City and San Francisco Co. $331,600. Noted Dec. 25.

Que., Three Rivers—School—Bd. Educ., 3 story school, St. Paul St., to J. A. Gruninger, Laviolette St., $224,000.

Federal Government Work

BIDS DESIRED

Ga., Fort Benning—Barracks—Jan. 22, by Constructing Quartermaster, constructing 1st section barracks and central heating plant; adv. E. N.-R. Jan. 1.

Ala., Florence—Lock Gates—Jan. 31, by U. S. Engineer Office War Dept., Wash., D. C., steel lock gates, etc., for Navigation Canal, at Wilson Dam, here; adv. E. N.-R. Jan. 1.

Ala., Florence—Floors—Jan. 6, by P. T. Samuels, ch. supply div., furnishing 4 steel floors, f.o.b. Sheffield.

Miss., Vicksburg—Drainage—Jan. 27, by Third Mississippi River Dist., P. O. Box 404, digging about 125,000 cu.yd. drainage ditches; adv. E. N.-R. Jan. 1.

Ill., Geneseo—Post Office—Jan. 16, by Treas. Dept. at office Supervising Archt., Wash., D. C., 49 x 59 ft. post office, here; adv. E. N.-R. Jan. 1.

Tex., Galveston—Radio Station—Jan. 14, by Bureau Yards & Docks, Navy Dept., Wash., D. C., naval radio compass station, here.

Federal Government Work (Continued)

Wash., Puget Sound—Boiler Plant—Spec. 5041—Jan. 21, by Bureau Yards & Docks, Navy Dept., Wash., D. C., extension to boiler plant and distribution system, here.

Ore., Portland—Barge—Jan. 15, by U. S. Engineer Office, War Dept., Wash., D. C., constructing one 5 x 22 x 80 ft. steel oil barge, here.

BIDS RECEIVED

Mo., St. Louis—Earthwork—Mississippi River Comn., 1311 International Bldg., approximately 600,000 cu.yd. hydraulic work in Levee Dist. 1, Perry Co., from McWilliams Dredging Co., McCormick Bldg., Chicago, $0.1725 per cu.yd.

H. T., Pearl Harbor—Storehouse—Spec. 5003—Bureau Yards & Docks, Navy Dept., Wash., D. C., storehouse and quarters at naval operating base hospital, here, from W. F. Martens, 513 Hawaiian Trust Bldg., Honolulu, $150,000, telegraphic deduction $44,493. Noted Oct. 30.

CONTRACTS AWARDED

Ala., Florence—Steel—Dec. 29, by P. T. Samuels, purch. agt., 220 tons reinforcing steel.

La., New Orleans—Earthwork—U. S. Engineer Office, War Dept., Wash., D. C., constructing about 22,500 cu.yd. earthwork in Barataria Levee Dist., to Highways Constr. Co., Inc., 418 Godchaux Bldg., $6,525.

Wis., Milwaukee—Breakwater—U. S. Engineer Office, constructing 1,640 lin.ft. concrete and stone breakwater extension, to S. M. Siesel Co., 160 Ogden Ave., $317,860. Noted Dec. 18.

FEDERAL POWER COMMISSION

Applications for Licenses and Permits

Applications

551 — Kentucky — Tennessee Light & Power Co., Bowling Green, Ky.—Wants preliminary permit for power plants at Government Dam 1, in Barren River, Dams 4, 5 and 6, in Green River in Warren, Butler and Edmonson Counties.

552—Denver Power & Irrigation Co., 603 Symes Bldg., Denver, Colo.—Wants license for irrigation and power project on south fork of Platte River, in Douglas and Jefferson Counties.

553—City of Seattle, Wash.—Wants preliminary permit for power project in Skagit River, Whatcom Co.

556—Hillside Water Co., Riverside, Calif.—Wants license for 4 storage reservoirs on North and Middle Fork Bishop Creek, Inyo Co.

557—Gold Coin Mining Co., 927 Market St., Wilmington, Del.—Wants license for transmission line in Granite Co., Mont.

Unclassified

PROPOSED WORK

Playground — Brighton (Boston P. O.), **Mass.**—City of Boston plans improving school grounds, Waverly, Portsmouth and Lothrop Sts., here. $25,000. J. F. Sullivan, Street Laying Out Dept., Boston, secy.

Playground — South Boston (Boston, P. O.), **Mass.**—City of Boston, plans improving school grounds East 9th, Vale and Mercer Sts., here, for playground. $25,000. J. F. Sullivan, Street Laying Out Dept., Boston, secy.

Heating and Ventilating System—Atlantic City, N. J.—Bd. Educ plans new heating and ventilating system in Junior High School, Ohio and Pacific Aves. $150,000. H. A. Stout, Guaranty Trust Bldg., archt.

Coke Ovens, etc.—Thomas, Ala.—Republic Iron & Steel Co., Woodward Bldg., Birmingham, plans 50 by-product coke ovens, here, $30,000 each; also plans to expend additional $500,000 for track equipment, incl. engines, etc.

Grain Elevator — Juda, Wis. — B. H. Roderick, Brodhead, plans rebuilding 2 story and basement, 40 x 130 ft., brick and timber, plain foundation, recently destroyed by fire. $40,000. Engineer and architect not selected.

Subway—Milwaukee, Wis.—City making preliminary plans temporary timber, steel or concrete subway under Chicago, Milwaukee and St. Paul Ry. tracks, at Chicago Ave. $20,000-$48,000. J. Schwada, City Hall, engr.

Subway—Laurence, Kan.—Atchison, Topeka and Santa Fe Ry. Co., F. E. Summers, supt., 406 Delaware St., Topeka, plans subway, here. $30,000. R. A. Rutledge, ch. engr.

Grain Elevator—Ft. Worth, Tex.—Moore-Seaver Grain Co., 521 Board Trade Bldg., Kansas City, Mo., plans 750,000 bu. rein.-con. grain elevator.

Golf Course — Harlingen, Tex. — See "Buildings—Commercial."

Pipe Line — Los Angeles, Calif. — Pan-Amer. Petroleum Co., 915 Security Bldg., plans 10 in. pipe line through city from Elk Hills to harbor. $500,000. E. O. Wilson, c/o owner, engr.

Bulkhead, etc.—Yuba City, Calif.—State Reclamation Bd., Sacramento, plans 1,377 ft. 3 in. timber bulkhead on round piles, 102,000 ft. Oregon pine No. 1, 5,750 round piling.

Power Development — Coaticook, Que. — City plans developing 1,850 hp. under 145 ft. head, incl. 1,500 ft. tunnel, concrete dam, etc. $180,000.

Power Line — Ontario — Ontario Hydro Power Comn., 190 University Ave., Toronto, plans power line from Erie Beach to Chatham. $40,000. A. Beck, London, chn.

Drilling for Gas—Tillsonburg, Ont.—Dominion Natural Gas Co., Hamilton, plans extensive drilling for gas, near here. $50,000. Private plans.

Causeway and Tunnel—Vancouver, B. C.—Park Bd., making plans causeway and tunnels at entrance to Stanley Park. $35,000. A. S. Woolton, c/o owner, engr.

Amusement Center — Victoria, B. C. — Canadian Pacific R.R., Windsor Sta., Montreal, Que., soon takes bids amusement center to be known as Crystal Gardens, incl. swimming pool, dance hall, tea rooms, gymnasium, etc., here.

BIDS DESIRED

Fire System—Brooklyn, N. Y.—Jan. 7, by B. S. Coler, comr. Dept. Pub. Welfare, Municipal Bldg., New York, installing fire alarm system in Kings County Hospital, here.

Heating System—Buffalo, N. Y.—Jan. 21, by State Hospital Comn., Albany, heating work, etc., at Buffalo State Hospital, here; adv. E. N.-R. Jan. 1.

Grand Stand—Fredonia, N. Y.—Chautauqua Co. Agricultural Assn., taking bids concrete and steel grandstand. Osborn Eng. Co., 7016 Euclid Ave., Cleveland, O., engrs. Noted Dec. 11.

Subway—Long Island City, N. Y.—Jan. 9, by Bd. Transportation, Municipal Bldg., New York installing tracks for a portion of Flushing extension of Queensboro subway line, Queens Boro.

Borings, etc.—New York, N. Y.—Jan. 9, by Bd. Transportation, Municipal Bldg., making borings along West Bway., Greenwich, 6th and 8th Aves., East 53rd, Wall, Fulton, Church, Houston and Worth Sts., Agreement "DQ," Manhattan Boro.; also miscellaneous construction providing sewer and water connections at various locations, Agreement "DO," Bronx Boro.

Subway—New York, N. Y.—Jan. 26, by Bd. Transportation, Municipal Bldg., constructing subway in Washington Heights Sect. 3, Route 78, from 112th to 122nd Sts.

Subway—New York, N. Y.—Jan. 29 by Bd. Transportation, Municipal Bldg., constructing subway in Washington Heights, Sect. 3 A, Route 78, from 122nd to 133rd Sts.

Prison Wall—Ossining, N. Y.—Dec. 30 (extended date), by J. L. Long, supt. State Prison, Albany, prison wall at Sing Sing, here. Noted Dec. 11.

Cooling System—Raybrook, N. Y.—Jan. 22, by Supt. Purchase, Room 408, Capitol, Albany, water supply for cooling purposes, storehouse and cold storage building, at State Hospital, here; adv. E. N.-R. Jan. 1.

Fire Protection—Rome, N. Y.—Jan. 22, by Supt. Purchase, Room 408, Capitol, Albany, water supply for fire protection in State School, here; adv. E. N.-R. Jan. 1.

Roofing—New Orleans, La.—Jan. 15, by Bd. Port Comrs., New Court House Bldg., 5,000 sq.yd. roofing for Claiborne St. Wharf. $45,000.

Sheet Metal Work—New Orleans, La.—Jan. 7, by Bd. Port Comrs. New Court House Bldg., sheet metal work and glazing skylights on Claiborne Ave. shed.

Pavilion—Nashville, Tenn.—Jan. 15, Bd. Comrs. Tennessee State Fair Assn., L. Litton, chn., for timber, brick or rein.-con. coliseum and live stock pavilion, $25,000. Marr & Holman, Stahlman Bldg., archts.

Foundation—Cleveland, O.—W. S. Ferguson Co., archts., 1900 Euclid Bldg., taking bids foundation for 10 story, 135 x 320 ft., brick, steel and concrete Euclid Ave., for Motors Realty Co., G. G. Peckham, pres., 1903 East 19th St.

BIDS RECEIVED

Heating and Ventilating — New York, N. Y.—See "Buildings—Commercial."

Ornamental Street Lighting System—Los Angeles, Calif.—See "Streets and Roads."

CONTRACTS AWARDED

Retaining Wall — New York — Commissioners Docks, Pier A, North River, New York City, retaining wall between Beach 116th St. and Beach 124th St. along Beach Channel Dr., Jamaica Bay, Queens, to A. M. Hazell, Inc., 26 Cortland St., New York City, $49,781. Noted Nov. 27.

Athletic Field, etc.—New York, N. Y.—Park Bd., at office Dept. Parks, Municipal Bldg., improving De Witt Clinton Athletic Field in De Witt Clinton Park, to Fleming & Sheppard, 116 Broad St., $10,780; grading, etc., new footpath in Inwood Hill Park, to G. Williamson, 46 West Bway., $11,575. Noted Dec. 25.

Heating and Plumbing, etc.—Phila., Pa.—See "Buildings-Commercial."

Subway—Toronto, Ont.—York Twp., concrete and steel subway in Hillary Ave., general contract, to Federal Constr. Co., 217 Bway. St., $19,875; steel, to Hamilton Bridge Wks. Co., Hamilton, $9,966. Engrs. est. $30,000. Noted Nov. 20.

Rock Wall—Powell River, B. C.—Powell River Co., constructing rock wall, incl. 62,000 yd. rock, and new 2 story, 50 x 175 ft. grinder building, to Armstrong, Morrison & Co., 543 Granville St., Vancouver, $300,000.

Material and Equipment

PROPOSED WORK

Road Machinery — Ladysmith, Wis. — Rusk Co. appropriated $8,000, road machinery during 1925, incl. several patrol graders. D. J. Summerville, comr.

Road Roller—Marinette, Wis.—City, c/o S. O'Shea, city clk., plans to purchase road roller.

Road Machinery — Waukesha, Wis. — Waukesha Co. appropriated $47,750, purchase of road machinery during 1925, incl. one crushing outfit, 11 graders and 7 trucks. C. J. Hahn, Waukesha, comr.

Structural Steel—Miami, Ariz.—Anaconda Copper Co., 25 Bway., New York City. N. Y., soon takes bids about 1,600 tons structural steel for miscellaneous buildings and structures in connection with new leaching plant, here, for Inspiration Consolidated Copper Co. G. R. Booth, Miami, engr.

Piles—Los Angeles, Calif.—Los Angeles Co. Flood Control Dist., Hall of Records Bldg., plans to purchase three thousand 32 to 36 ft. untreated Oregon pine piles.

BIDS DESIRED

Rock Crusher—Durham, N. C.—Jan. 15, by A. T. Crutchfield, city purch. agt., rock crusher with guaranteed production 175 to 225 tons of 2 in. and smaller, from hard trap rock of one man size and 1 elevator for same; adv. E. N.-R. Jan. 1.

Street Signs—Durham, N. C.—Jan. 16, by A. T. Crutchfield, city purch. agt., 300 street intersection signs; adv. E. N.-R. Jan. 1.

Tractor and Snow Plow—Appleton, Wis.—Jan. 5, by E. L. Williams, city clk., one 10 ton caterpillar tractor and snow plow attached, three 1 ton trucks with dump bodies, two 25 hp. caterpillar tractors, 1 motor driven ½ yd. grading shovel, etc.

Pipe, etc.—Dallas, Tex.—W. G. James, city secy., taking bids thirty-six thousand ¾-in. lead pipe, three hundred ¾-in. wiped lead goosenecks. E. A. Kingsley, city engr.

BIDS RECEIVED

Asphaltic Cement, etc.—New York, N. Y.—J. Miller, pres. Manhattan Boro., Municipal Bldg., 600,000 gal. asphaltic cement, from Warner-Quinlan Co., 79 Wall St., $40,930; 20,000 cu.yd. asphalt sand, from Z. Mahoney, 557 46th St., Brooklyn, $21,800; 20,000 bags Portland cement, from Terminal Supply Co., 350 Madison Ave., $14,160; 30,000 gal. gasoline, from Bang Serv. Sta. Inc., Arden St. and Bway., $3,870. Noted Dec. 18.

Cement and Fire Pumps — Minneapolis, Minn. — For 125,000 bbl. cement, from Thompson Yards, 2694 University Ave., St. Paul, $2.37 per bbl.; for 25,000 bbls. cement and 3 rotary fire pumps, from Waterous Fire Engine Wks., 80 Fillmore Ave. East St. Paul, $1,350 each.

CONTRACT AWARDED

Cement—Tracy, Calif.—W. Schlossman, secy. Banta-Carbona Irrigation Dist., 7,500 bbls. cement to Cowell Lime and Cement Co., 2 Market St., at $2.73 to $2.78 per bbl. Noted Dec. 25.

SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE.

E.N.-R.

OFFICIAL PROPOSALS

Bids: Jan. 15.

Roads and Bridges
State Highway Commission

Richmond, Va.
December 23, 1924.

Sealed bids will be received at the office of the State Highway Commission, State Office Bldg., Capitol Square, Richmond, Va., until 10:30 a.m., Thursday, January 15, 1925, for the construction of:

1.—ROUTE 10—PROJECT F-76D (Reconstruction). From Farmville to .78 Mi. West in Prince Edward County, .78 Mi. of 18′ x 8″-6″-8″ Concrete. Approximately 8,200 sq.yds. Concrete Surfacing. No special designed bridges.

2—ROUTE 323 — PROJECT S-335C. Streets of Kenbridge. .9 Mi. of 18′ x 8″-6″-8″ Concrete roadway in Lunenburg County. Approx. .87 Ac. Clear & Grubbing, 2,968 Cu.Yds. Excav., 473 Cu.Yds. Borrow, 230 Lin.Ft. Pipe, 10.06 Cu.Yds. "B" Conc., 48 Lin.Ft. Wood Gd. Rail, 32 Lin.Ft. Wire Rope Gd. Rail, 22 Right of Way Monuments.

3—ROUTE 24—PROJECT S-385. Bridge & Approaches over Meherrin River at Emporia, in Greenesville County. Length: 288′ 9″. Width of roadway: 24 ft. and two 5′ walks. One 110′ Reinf. Concrete arch span, and five 30′ reinf. conc. beam spans. Approx. 1,083 Cu.Yds. "A" Conc., and 188,-500 lbs. reinf. steel, and 8,600 Cu.Yds. excavation.

Proposal guaranty to be cert. check, cashier's check or cert. of deposit, to the amount of $500.00 for bids less than $100,-000.00 and $1,000.00 for bids more than $100,000.00. Proposal bonds 20% in excess of above amount may be used.

Plans and Specifications are on file at the Richmond Office State Highway Commission, and at the offices of the following District Engineers: Proj. F-76D at Lynchburg, Proj. S-335C at Richmond, and Proj. S-385 at Suffolk.

Additional plans for bidders on the above projects may be obtained upon application to the State Highway Dept., upon receipt of $5.00 payable to H. G. Shirley, $2.50 of which will be refunded if plans are returned in good condition within two weeks after bids are opened.

Engineers will be at the following places to show prospective bidders over the work:

Proj. F-76D—Office of Resident Engineer, in Farmville, Thursday, Jan. 8th, at 10:30 a.m.

Proj. S-385—Hotel Emporia in Emporia, Tuesday, Jan. 6th, at 11 a.m.

Proj. S-335C—Kenbridge Hotel, in Kenbridge, Wednesday, Jan. 7th, at 1 p.m.

The State Highway Commission reserves the right to reject any or all bids.

H. G. SHIRLEY,
Chairman.

C. S. MULLEN,
Chief Engineer.

Bids: Jan. 16.

Street Signs

Durham, N. C.

Bids will be received by the Purchasing Agent of the City of Durham, N. C., for approximately 300 street intersection signs complete, until 2:00 p.m., January 16, 1925, at which time they will be publicly read at the City Hall.

Samples and detail specifications must be submitted by the bidder with his proposal. Detail requirements can be obtained from H. W. Kueffner, Director of Public Works.

The City reserves the right to reject any or all bids or to accept such bids as appear in its judgment to be for the best interests of the City.

A. T. CRUTCHFIELD,
City Purchasing Agent.

OFFICIAL PROPOSALS

Bids: Jan. 22.

State Hospital Work

Raybrook, N. Y.

Sealed proposals for Water Supply for Cooling Purposes, Store House and Cold Storage Building, New York State Hospital fer the Treatment of Incipient Pulmonary Tuberculosis, Raybrook, N. Y., will be received by Superintendent of Purchase, Room 408, Department of Architecture, Capitol, Albany, N. Y., until 3 o'clock p.m. on Thursday, Jan. 22, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York or money equal to Three Hundred Dollars ($300). The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty (30) days after official notice of award of contract, and in accordance with the terms of Specification No. 4413. The right is reserved to reject any or all bids. Drawings and specifications may be examined at the New York State Hospital for the Treatment of Incipient Pulmonary Tuberculosis, Raybrook, N. Y., at the New York Office of the Department of Architecture, 18th floor, Fuller Building, Broadway and 23rd St., and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, Specifications and blank forms may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon request.

Dated: December 12th, 1924.

Bids: Jan. 22.

Fire Protection

ROME STATE SCHOOL
Rome, N. Y.

Sealed proposals for Water Supply for Fire Protection, Rome State School for Mental Defectives, Rome, N. Y., will be received by Superintendent of Purchase, Department of Architecture, Room 408, Capitol, Albany, N. Y., until 3 o'clock p.m., on Thursday, January 22nd, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York or money equal to Six Hundred Dollars (600.00). The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty days after official notice of award of contract and in accordance with the terms of Specification No. 4434. The right is reserved to reject any or all bids. Drawings and specifications may be examined at the Rome State School for Mental Defectives, Rome, N. Y., at the New York Office of the Department of Architecture, 18th Floor, Fuller Building, Broadway and 23rd St.; and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon request.

Dated: December 12, 1924.

OFFICIAL PROPOSALS

Bids: Jan. 7.

State Hospital Work

Poughkeepsie, N. Y.

Sealed proposals for Sanitary Work and Electric Work, Additions to Water Supply, Hudson River State Hospital, Poughkeepsie, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until 3 o'clock, p.m., on Wednesday, Jan. 7th, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into contract if it be awarded to him. Deposit shall consist of a certified check drawn upon some legally incorporated bank in the State of New York and made payable to the State of New York, or money equal to the following: Sanitary, $2,000, and Electric, $1,000. The contractors to whom the awards are made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty (30) days after official notice of award of contract and in accordance with the terms of Specifications Nos. 4397 and 4423. The right is reserved to reject any or all bids. Drawings and Specifications may be examined at the Hudson River State Hospital, Poughkeepsie, N. Y., at the New York Office of the Department of Archecture, 18th floor, Fuller Building, Broadway and 23rd Street; and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y.

Dated: December 8th, 1924.

Bids: Jan. 21.

Heating Work

STATE HOSPITAL
Buffal,o N. Y.

Sealed proposals for Heating Work, Additional Boiler Capacity, etc., Buffalo State Hospital, Buffalo, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until 3 o'clock p.m., on Wednesday, January 21, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into the contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York or money equal to Three Thousand Five Hundred Dollars ($3,500). The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty (30) days after official notice of award of contract and in accordance with the terms of Specification No. 4390. The right is reserved to reject any or all bids. Drawings and Specifications may be examined at the Buffalo State Hospital, Buffalo, N. Y., at the New York Office of the Department of Architecture, 18th Floor, Fuller Building, Broadway and 23rd Street, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y.

Dated: December 18, 1924.